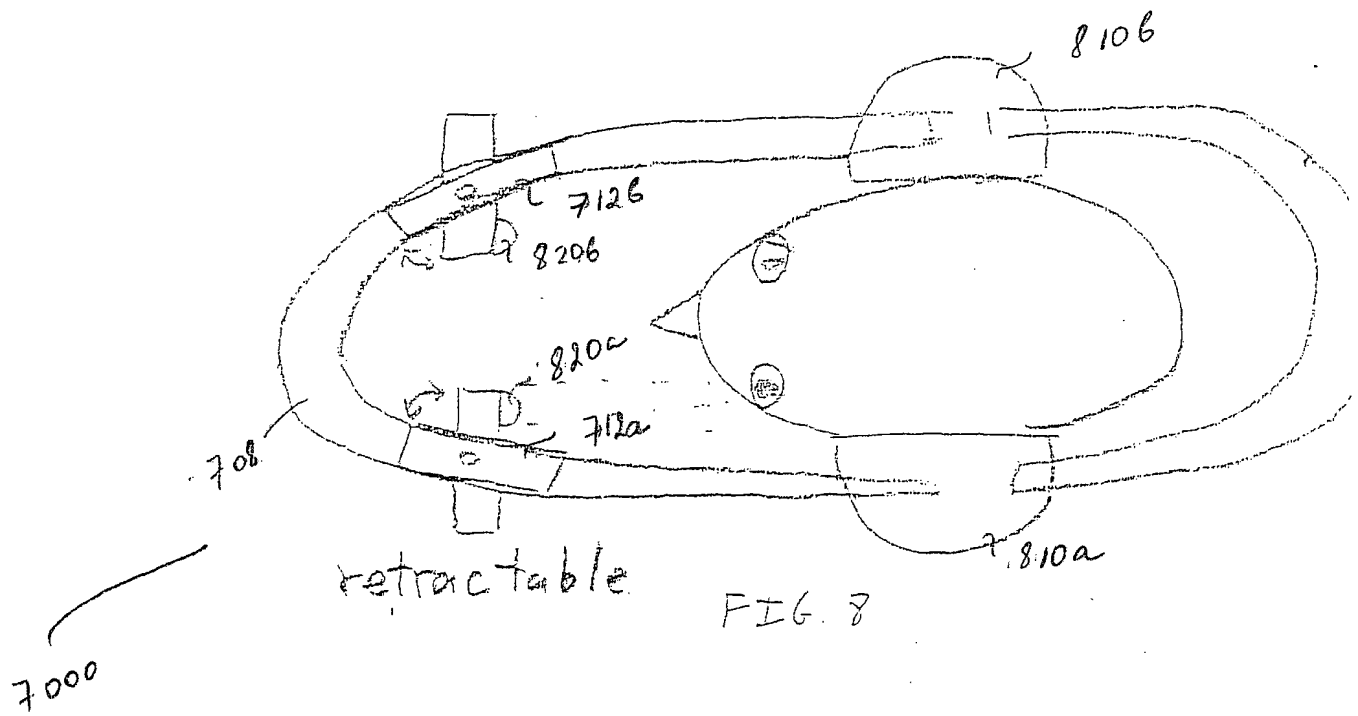
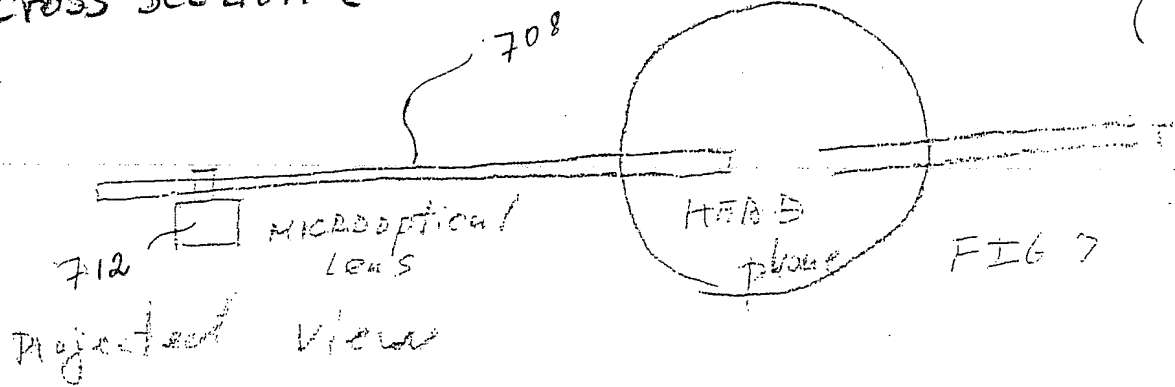


Cross Section (SIDE VIEW)



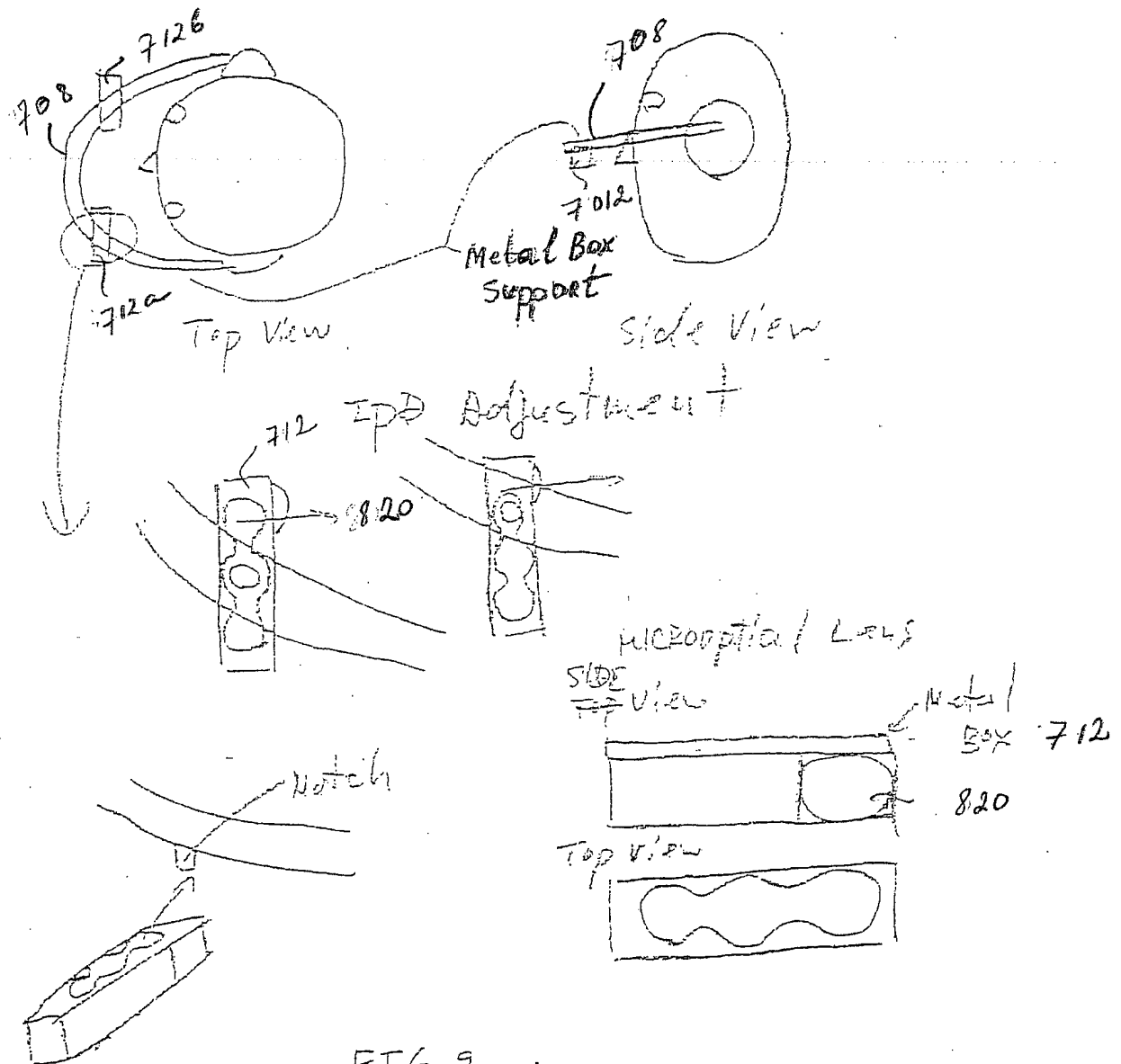
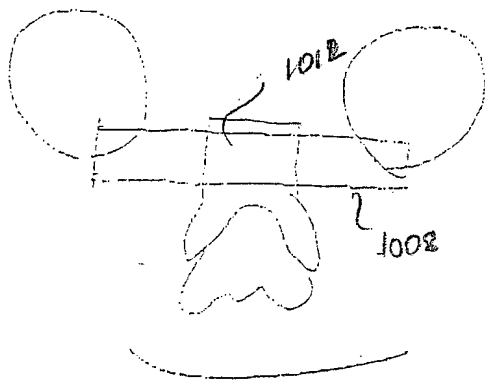
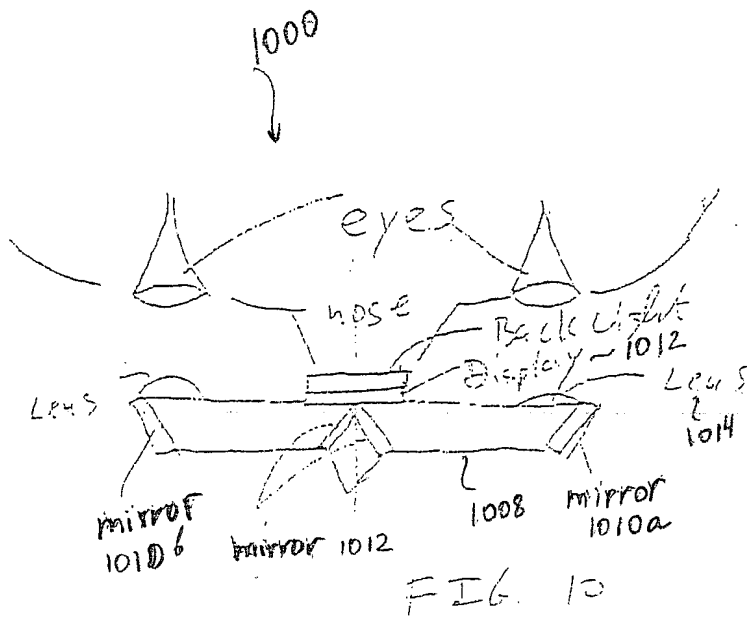


FIG. 9



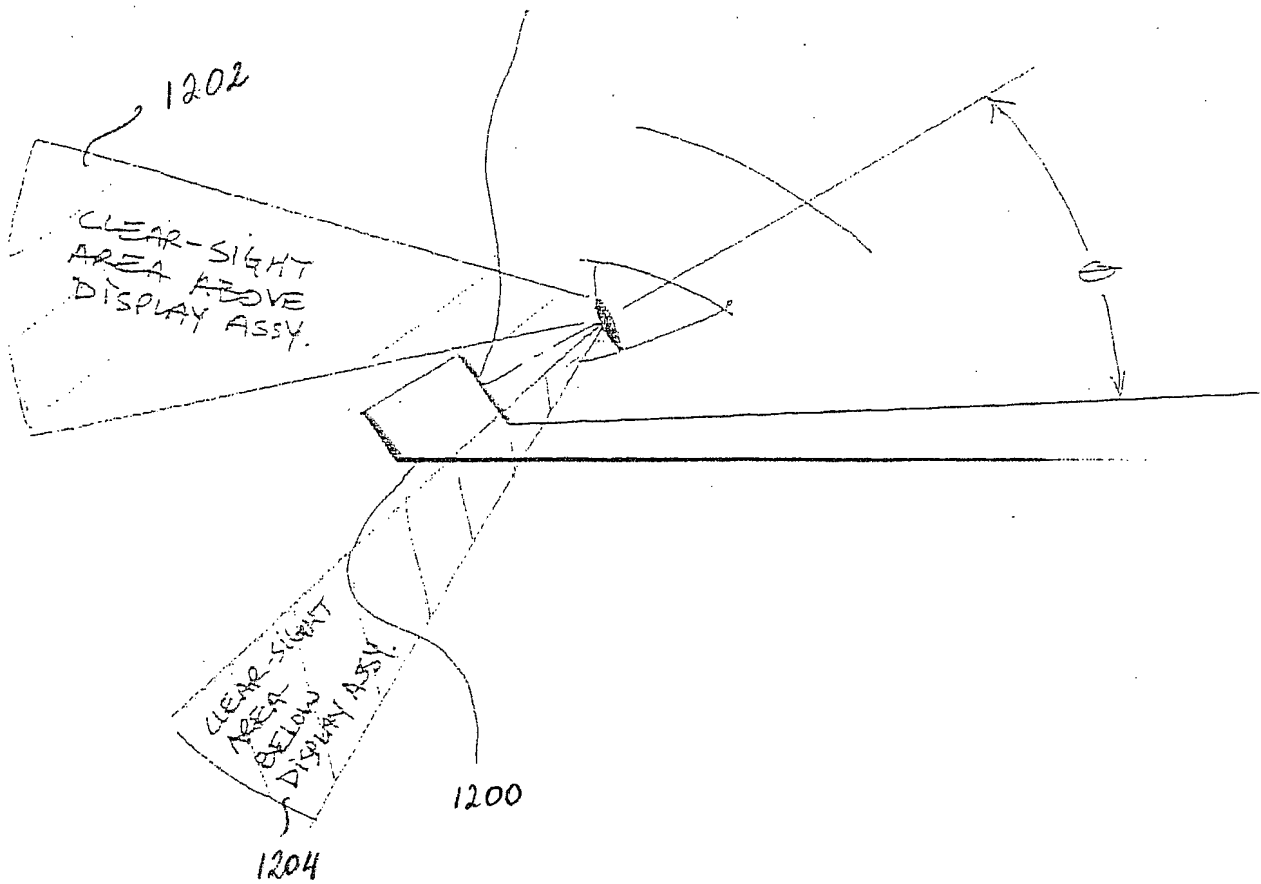
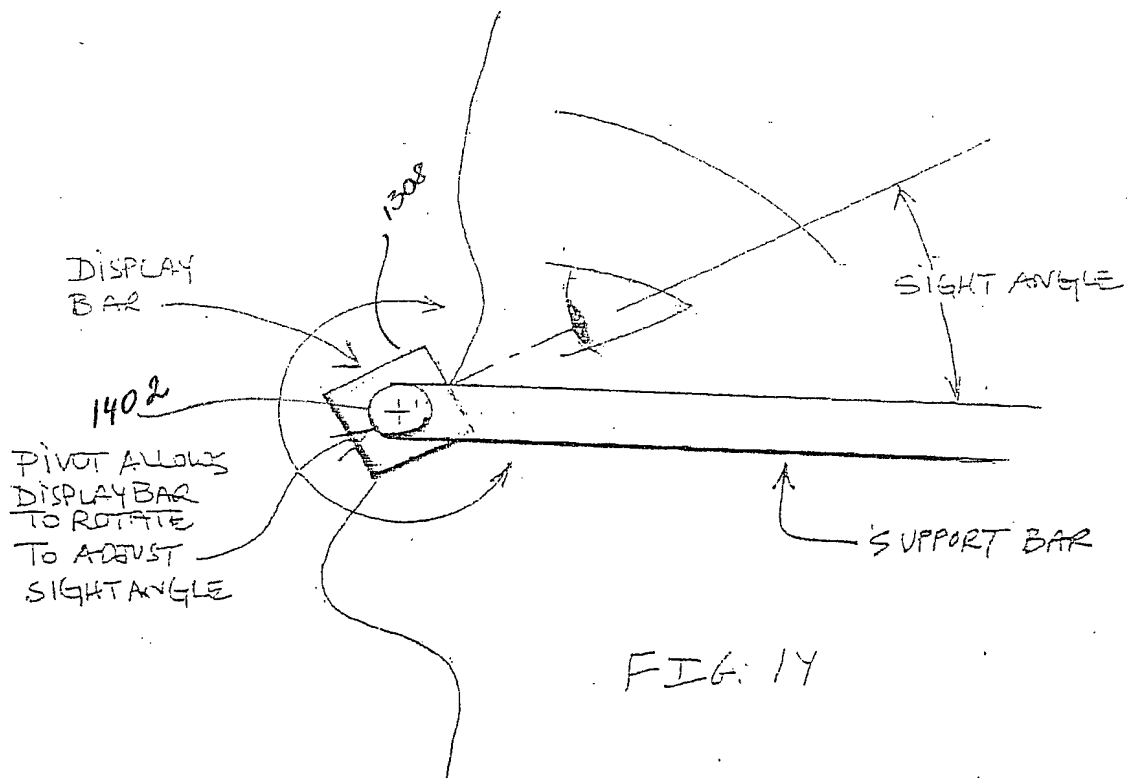
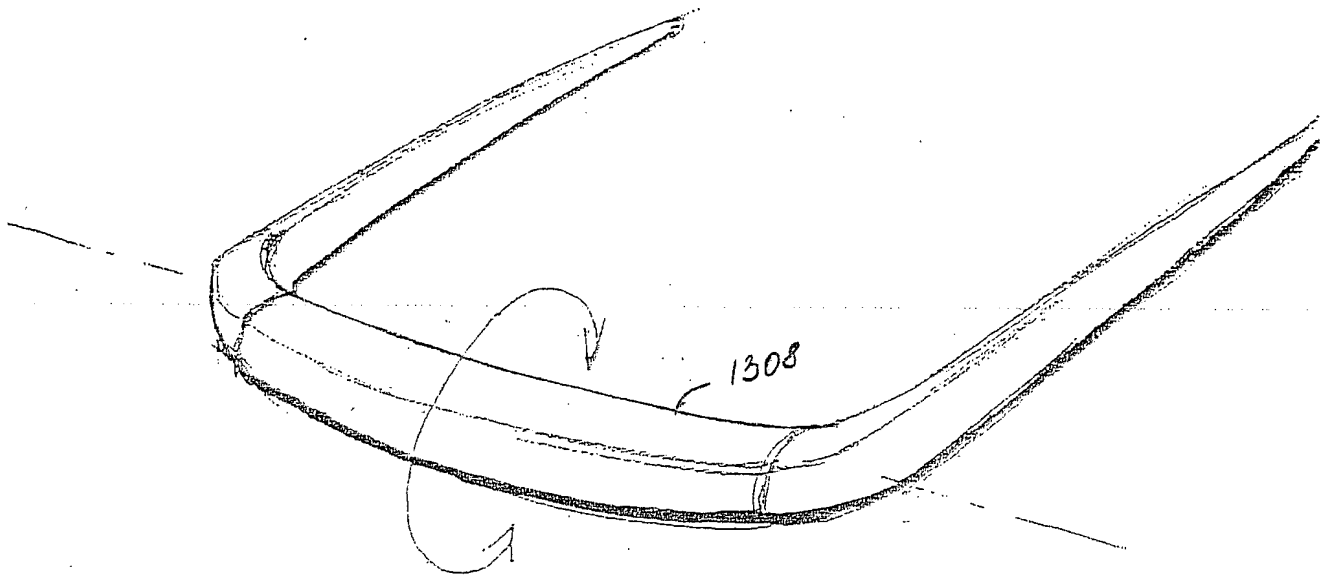
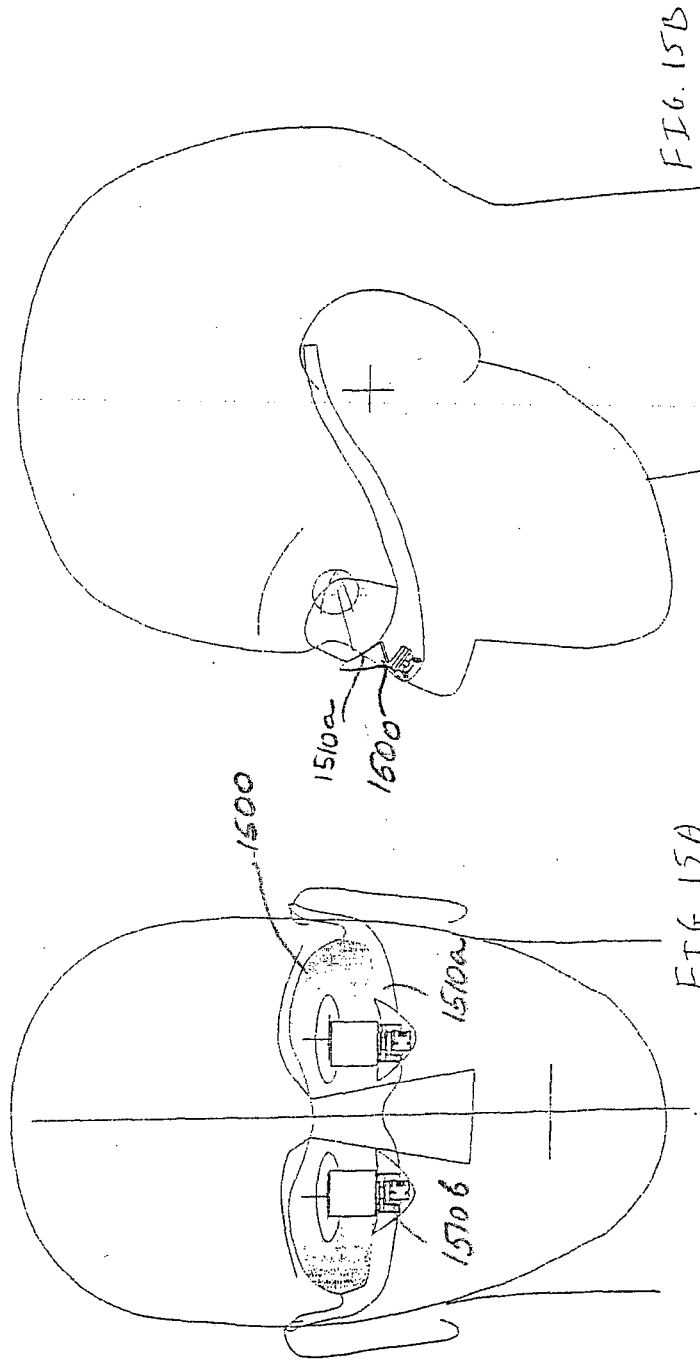
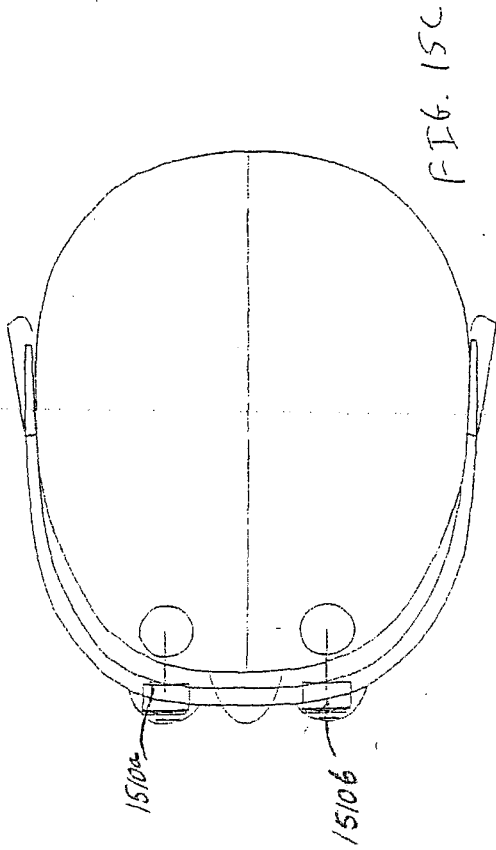
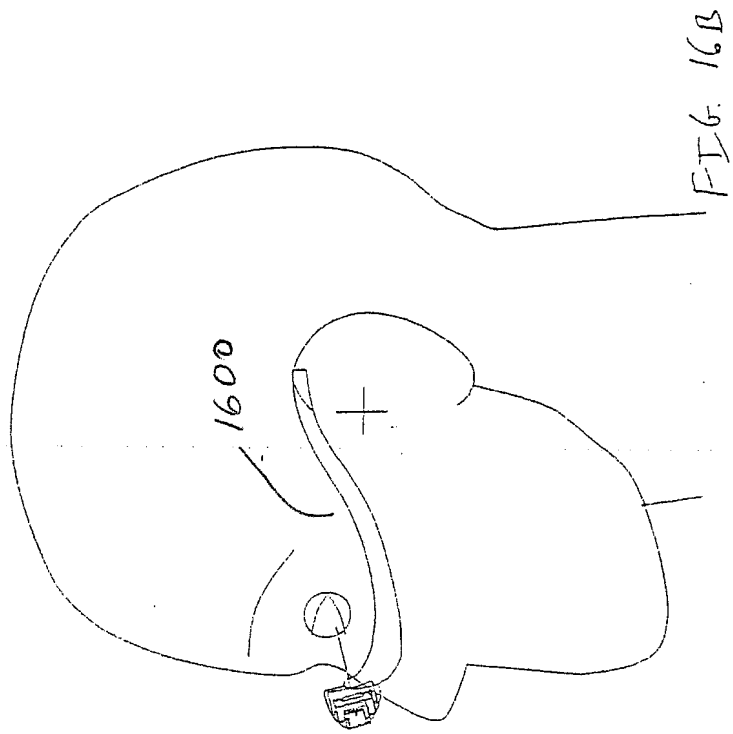
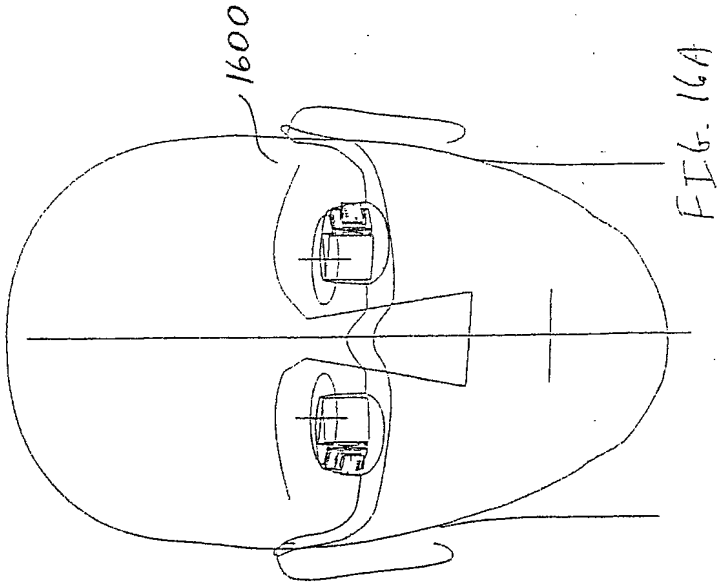
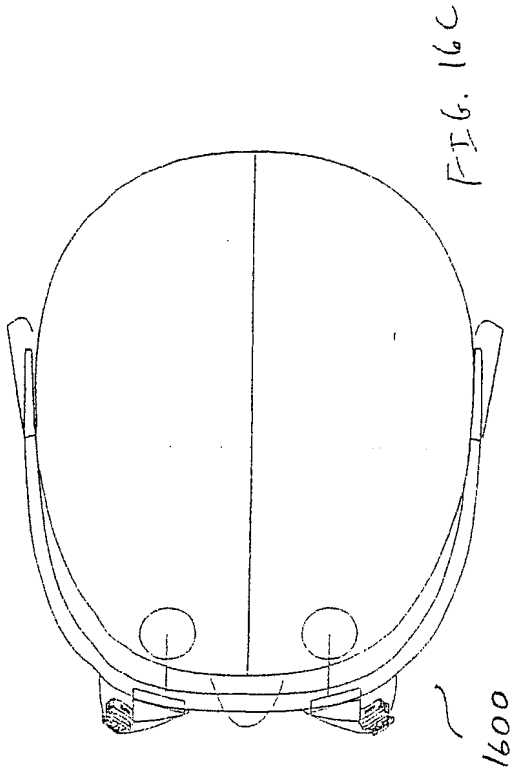
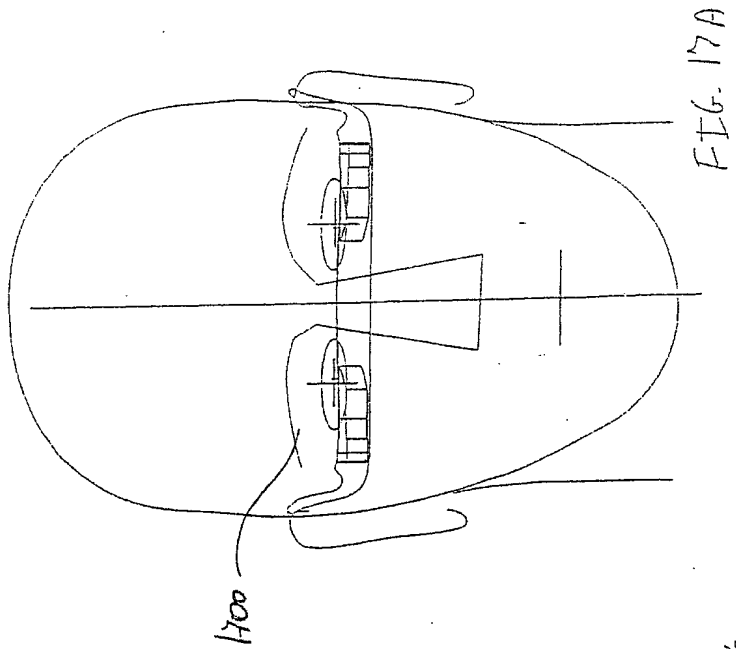
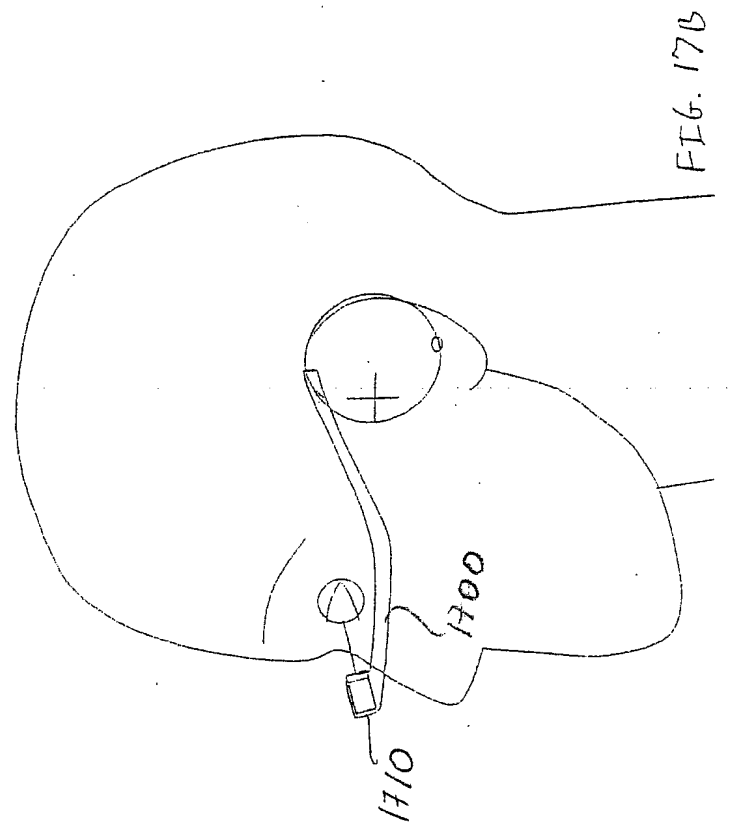
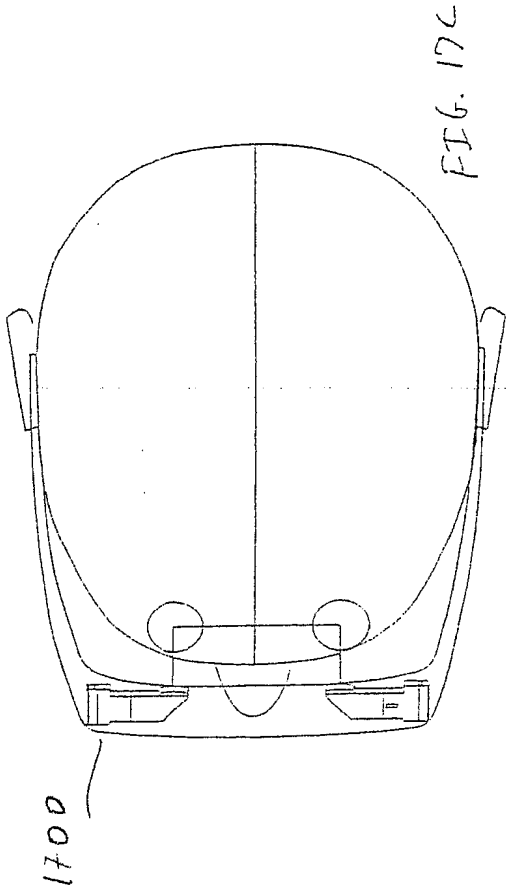


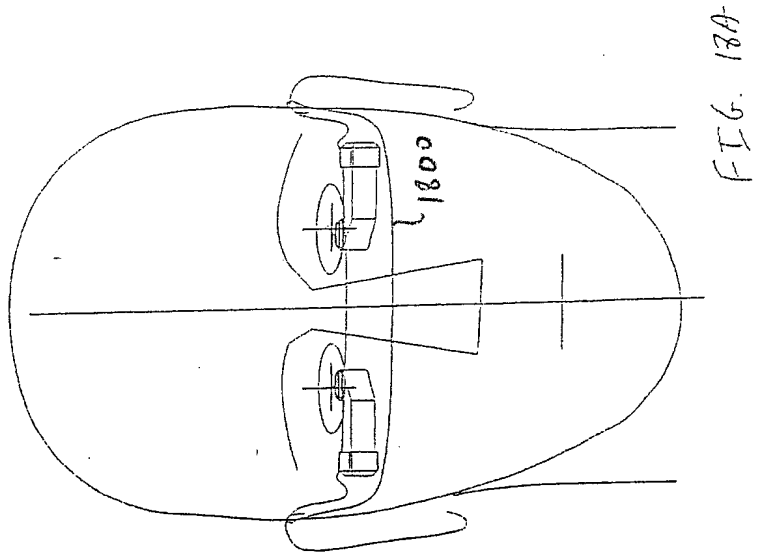
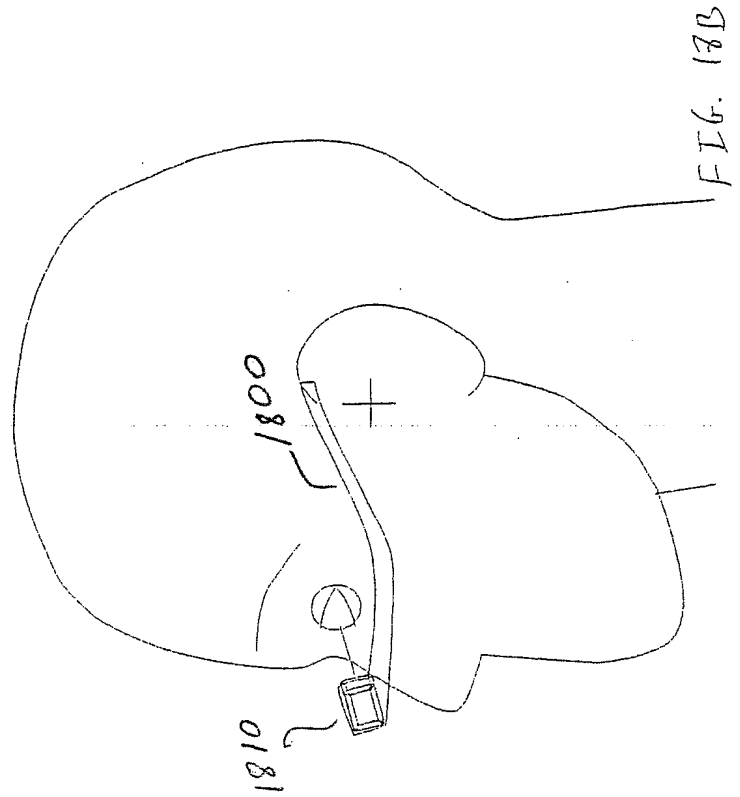
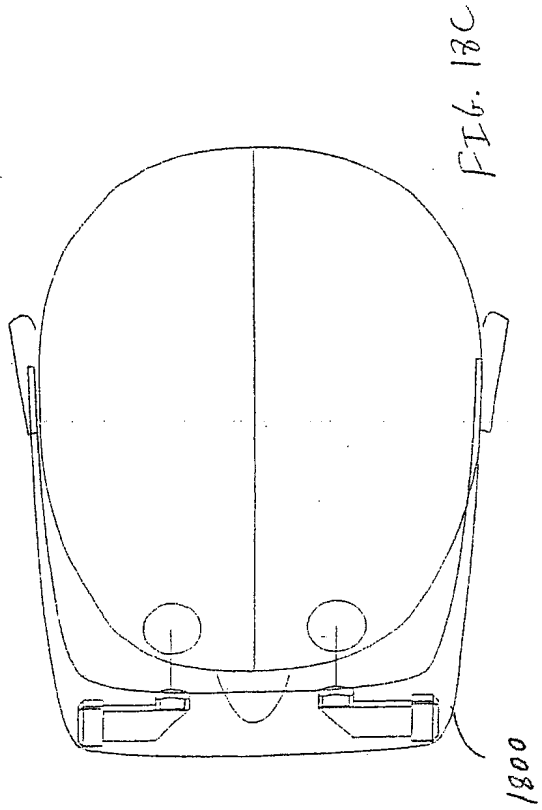
FIG. 12

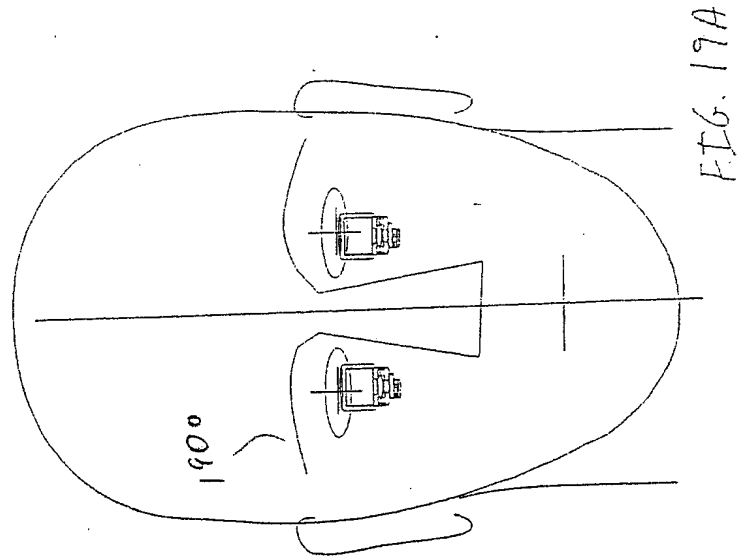
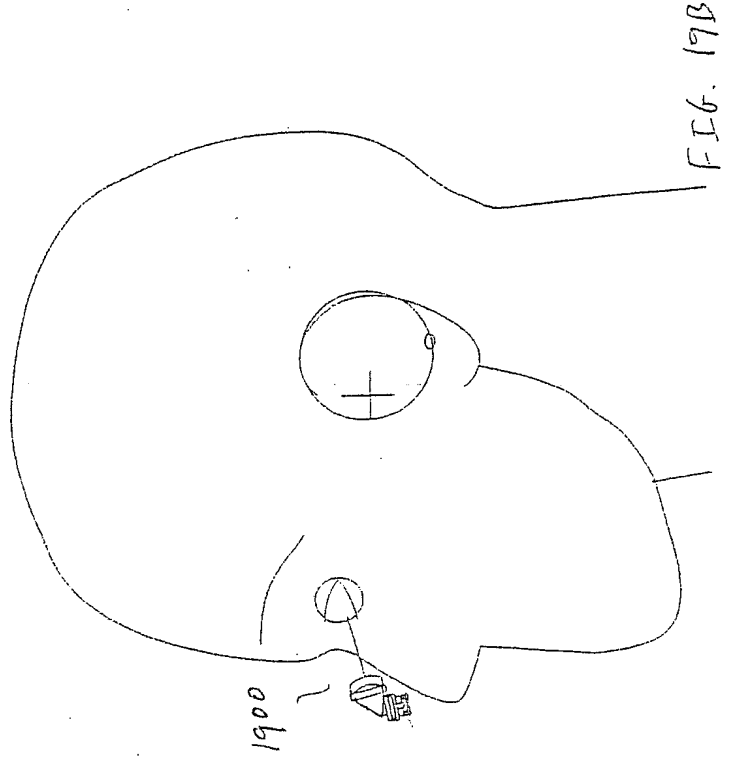
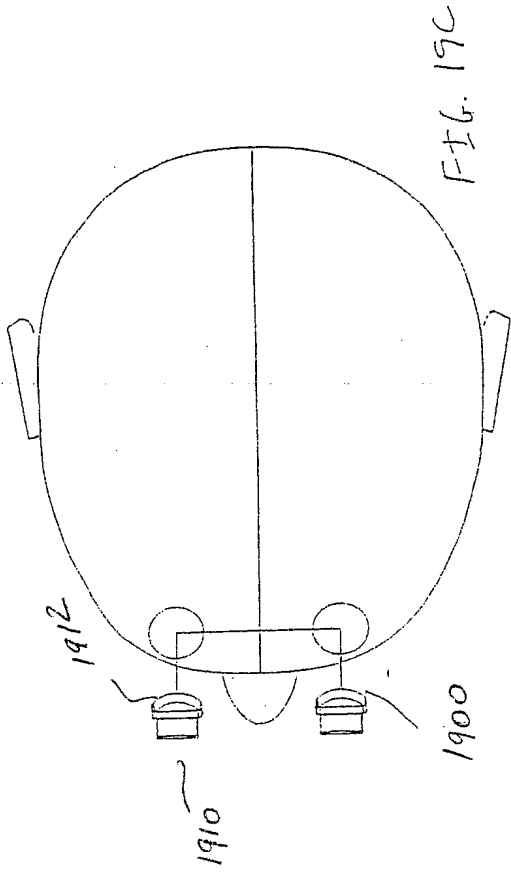


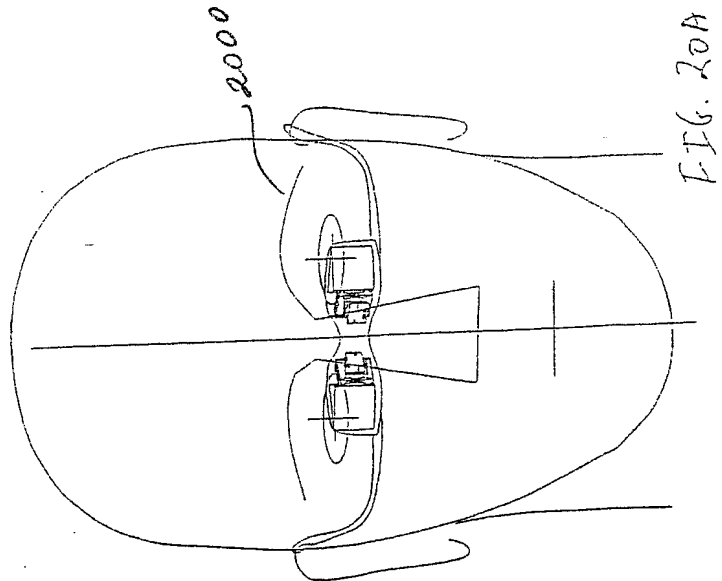
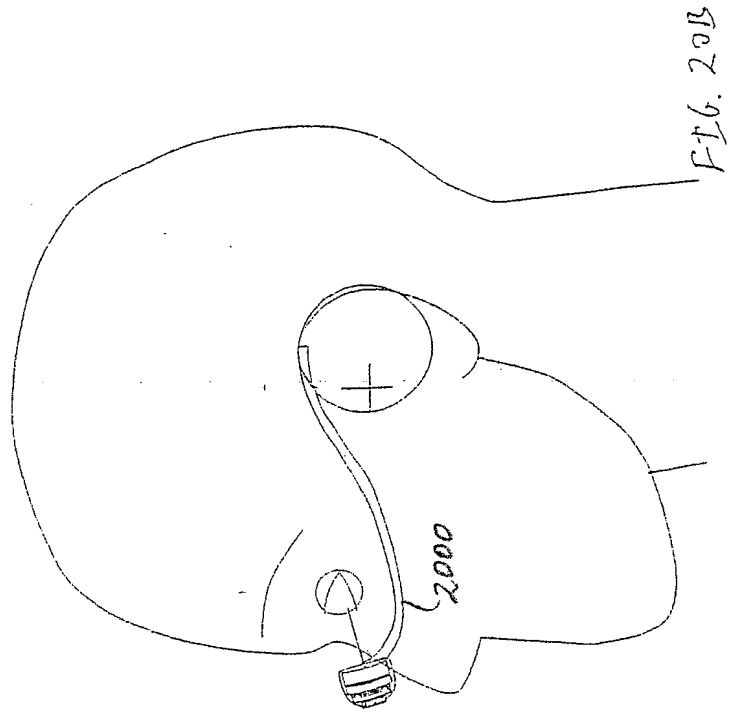
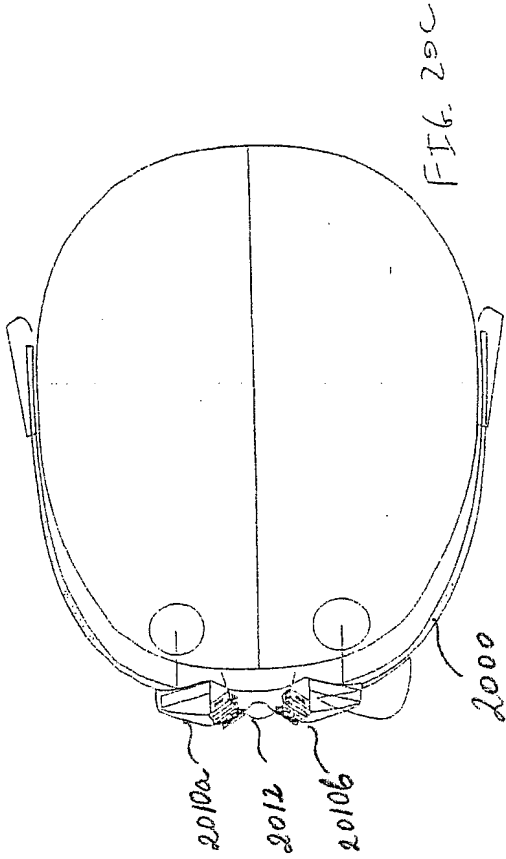












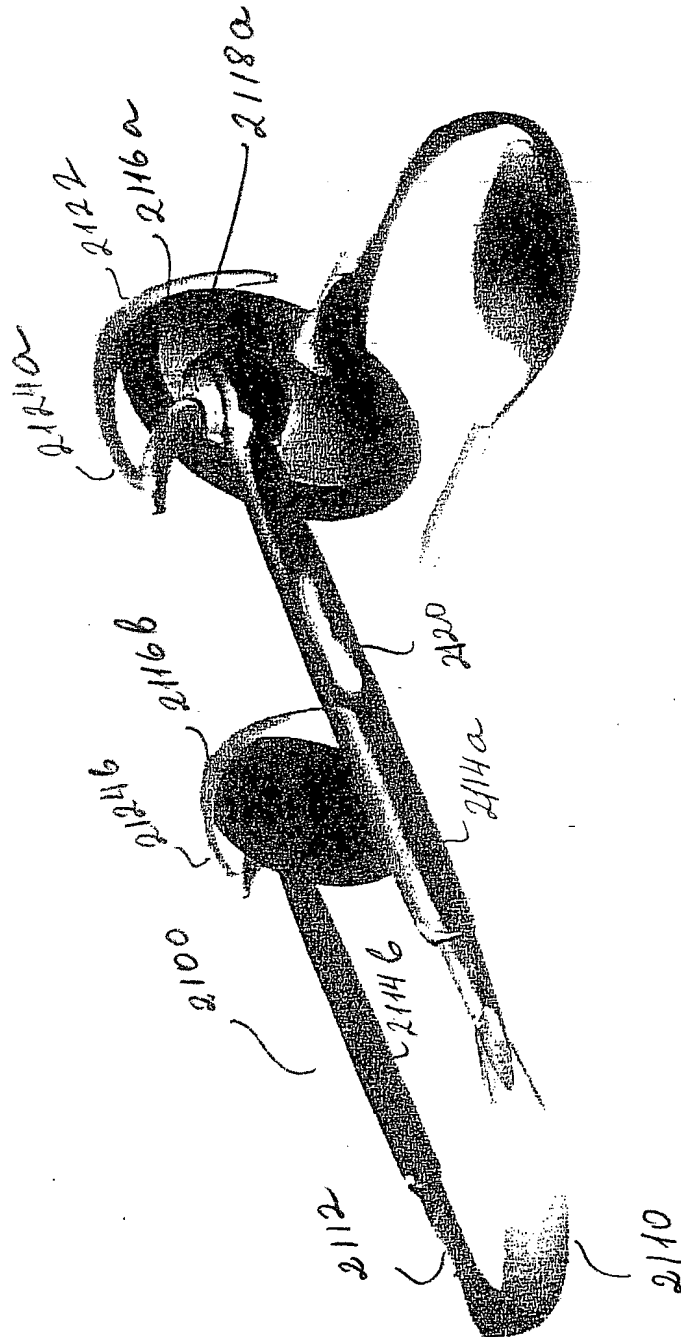


FIG. 21

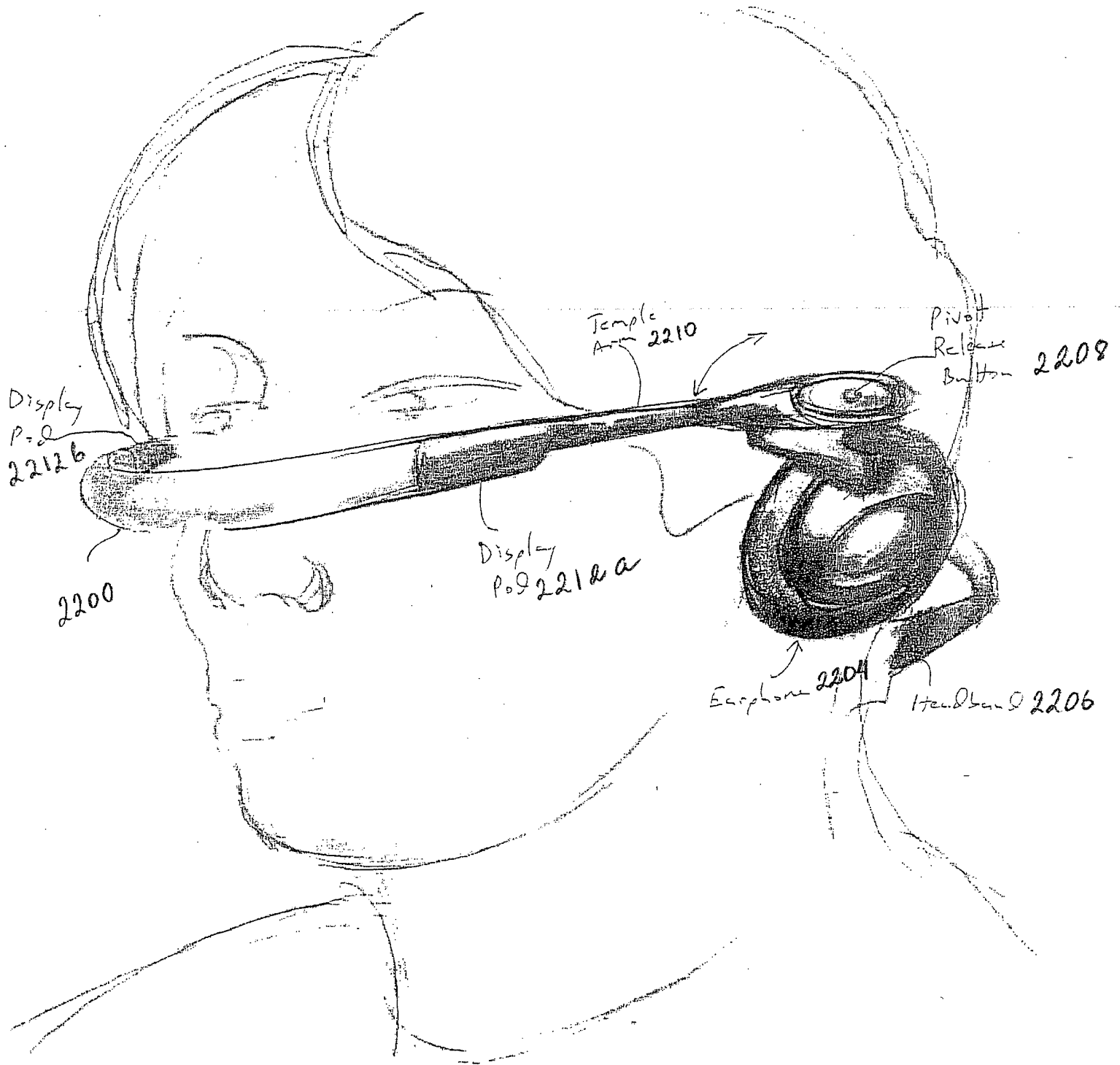


FIG. 22

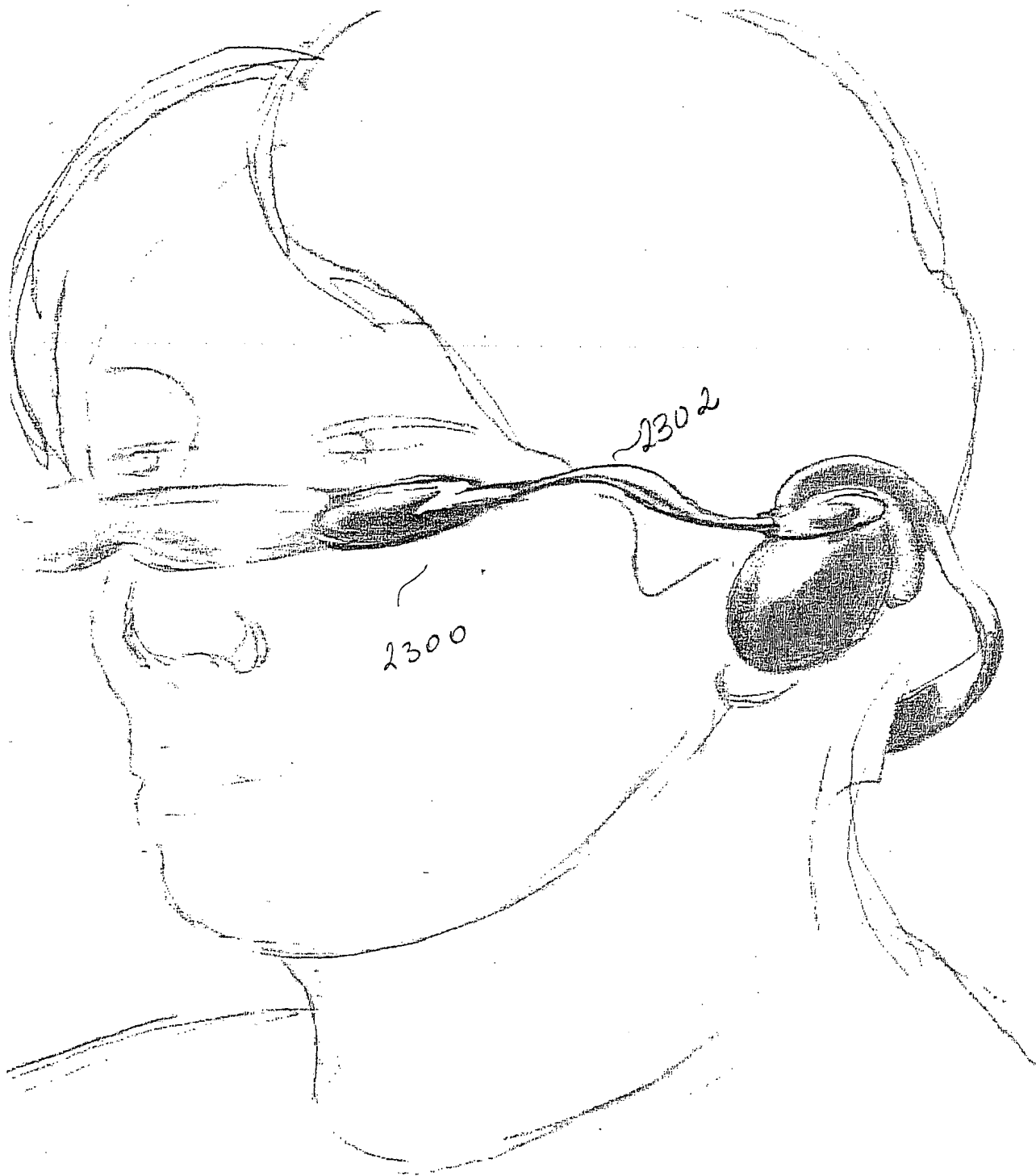
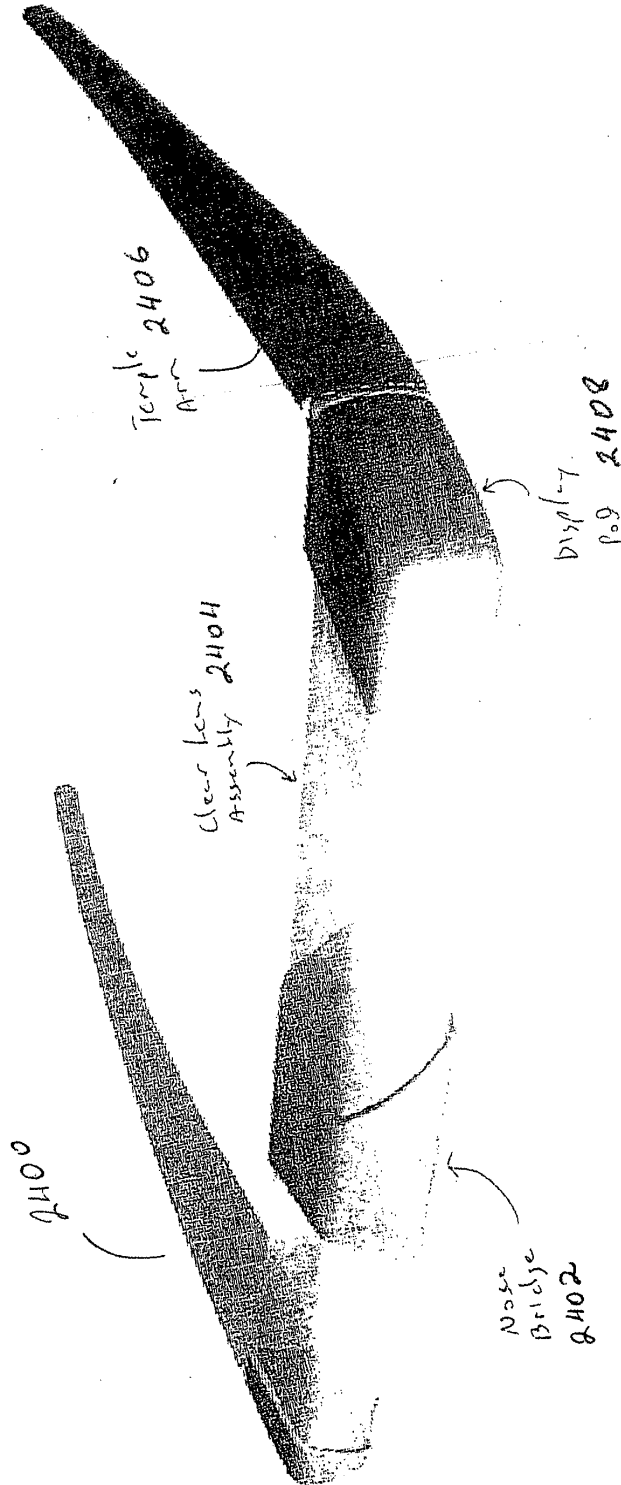


FIG. 23

Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, et al.



Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, *et al.*

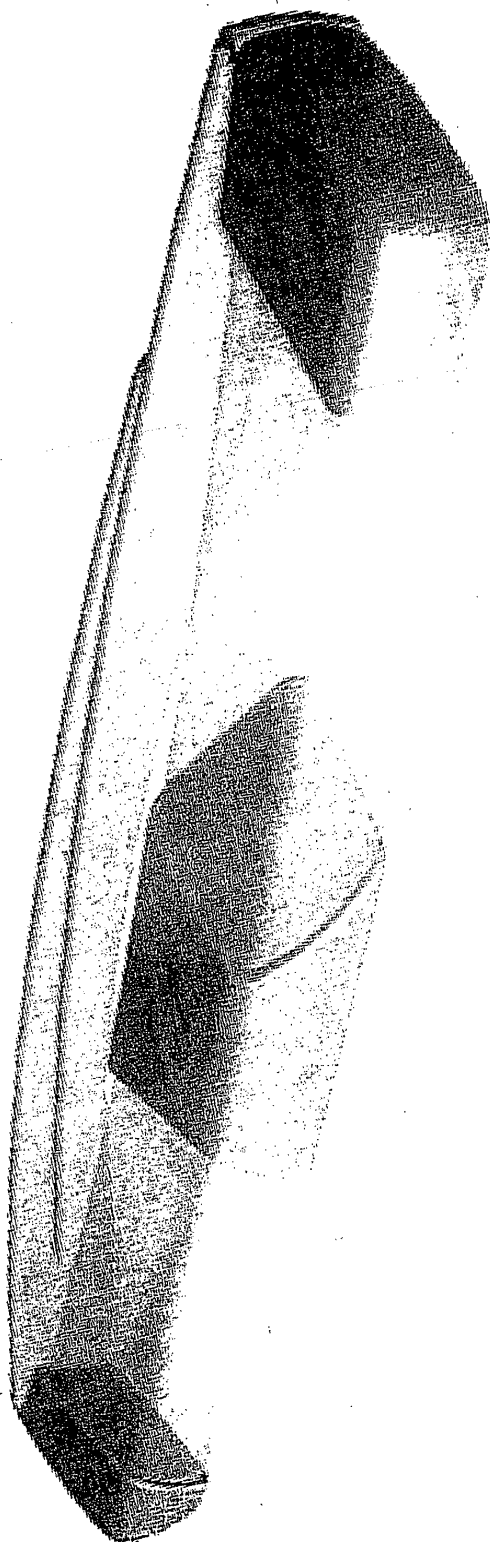
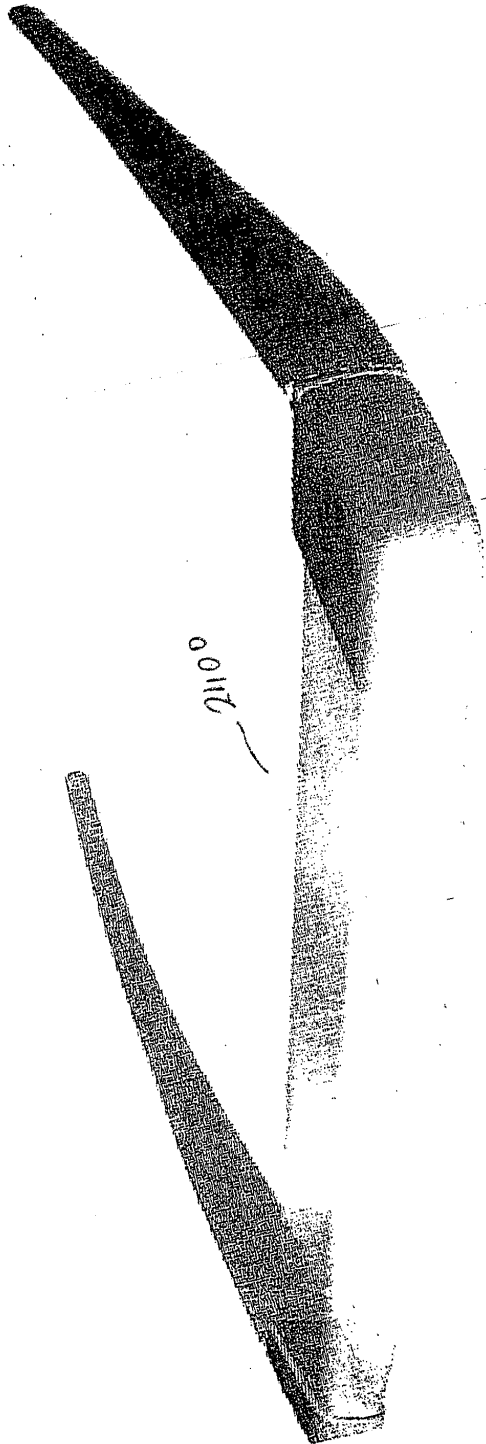


FIG. 24B

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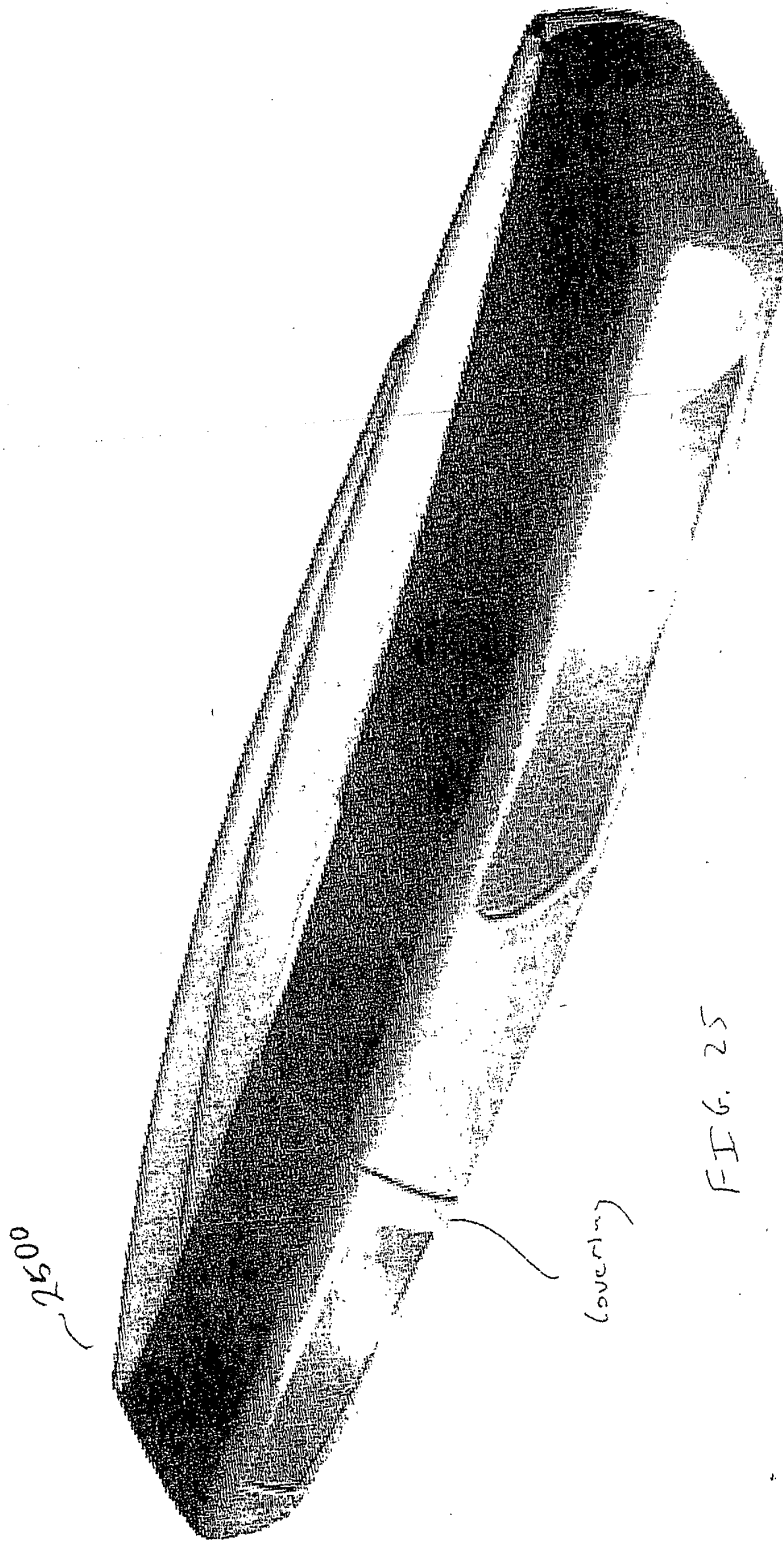
Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, et al.



21100

FIG. 24C

Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, *et al.*



Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, *et al.*



FIG. 26

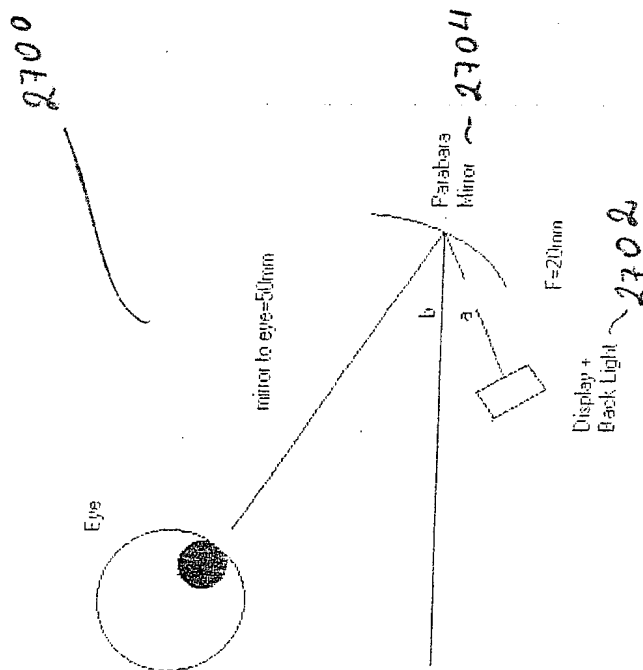
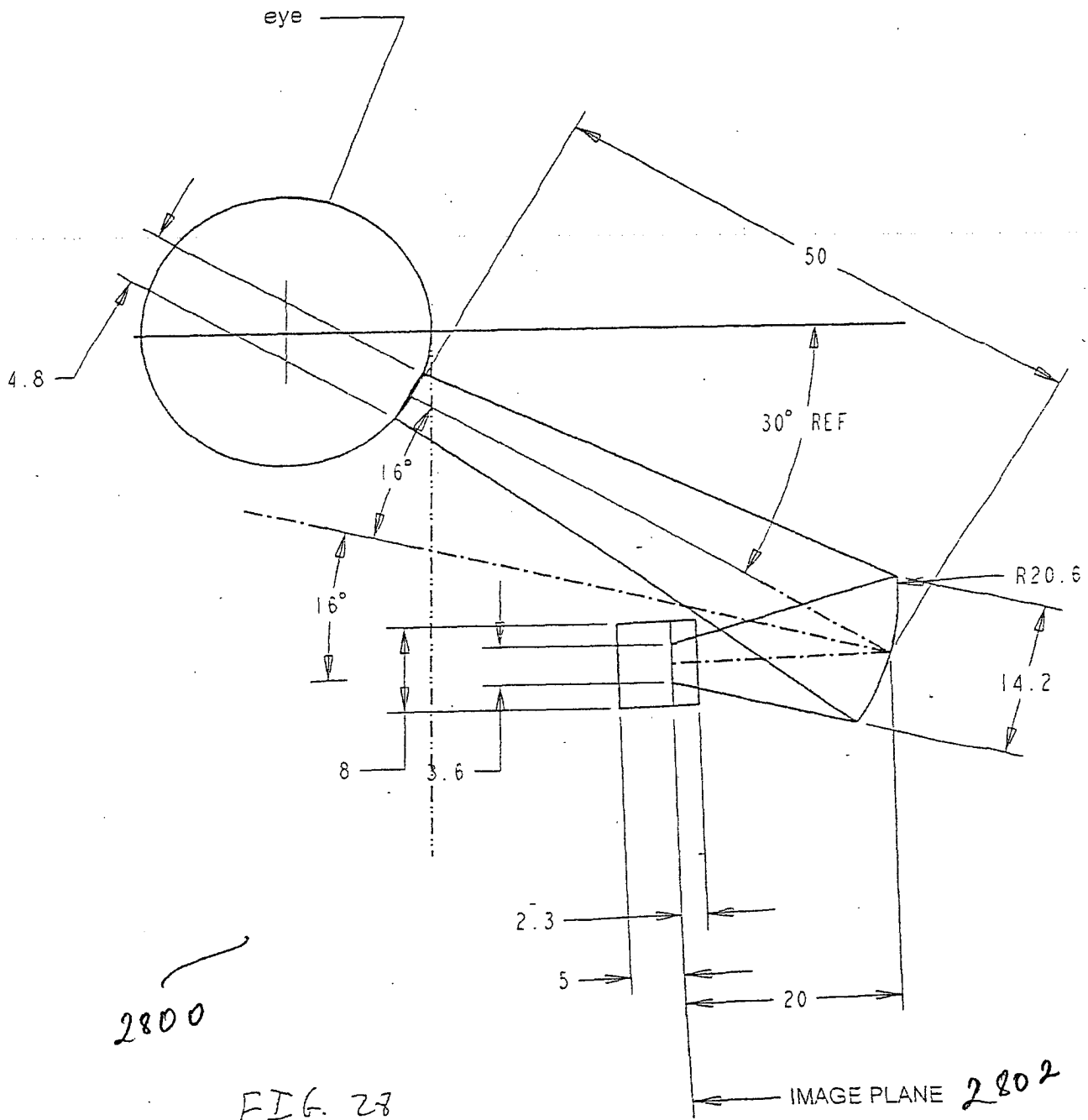
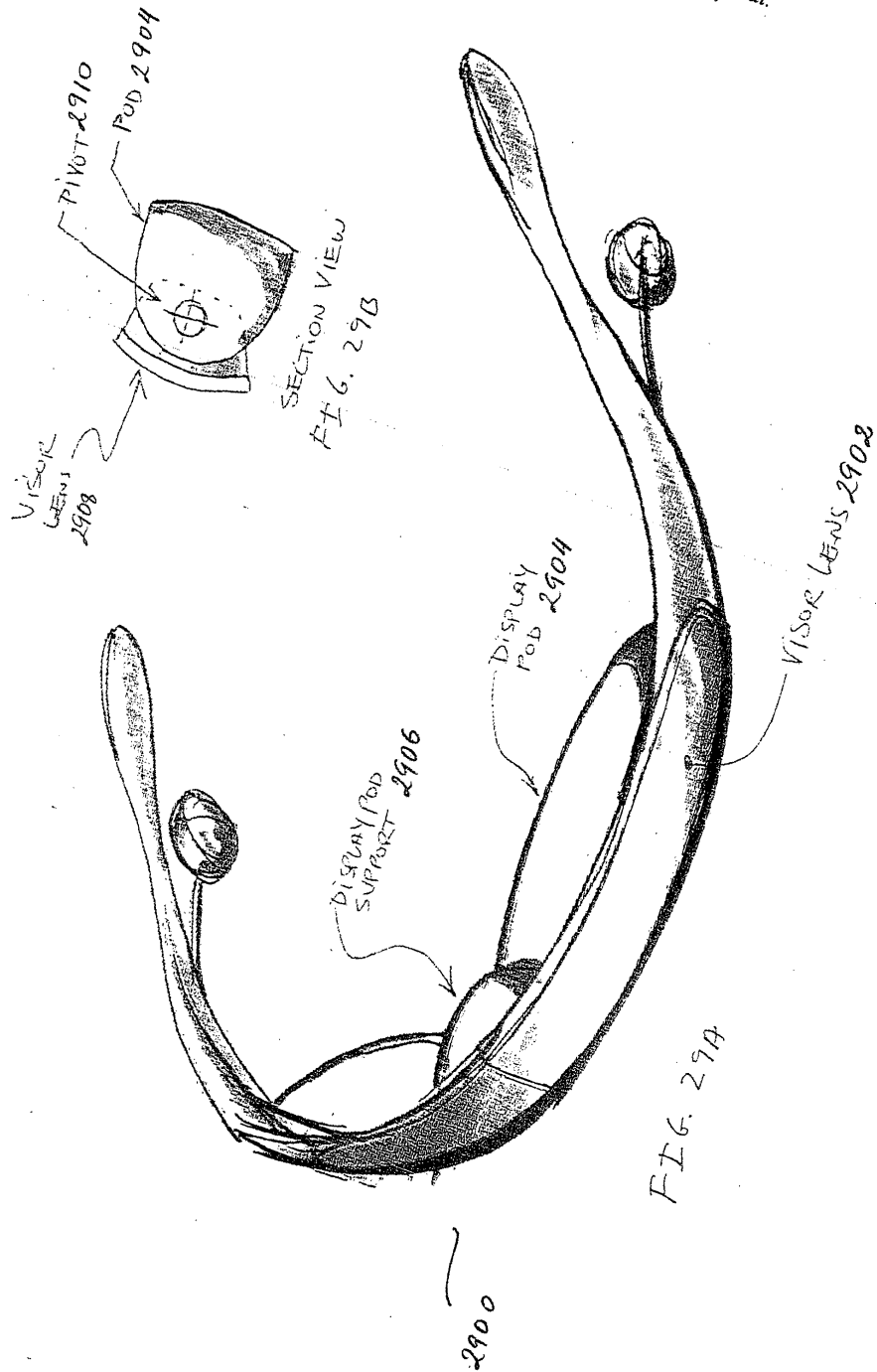


FIG. 27

OPTICS LAYOUT



Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, *et al.*



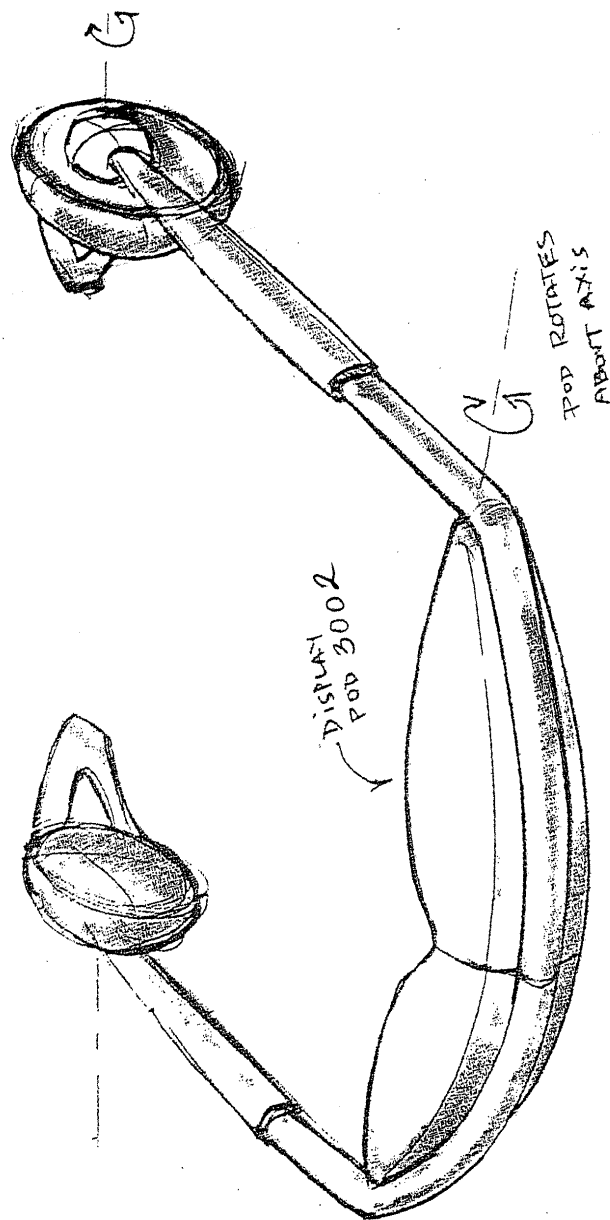


FIG. 30

Docket No.: 0717.2024-008
Title: Head-Mountable Display System
Inventors: Hideki Tomine, *et al.*

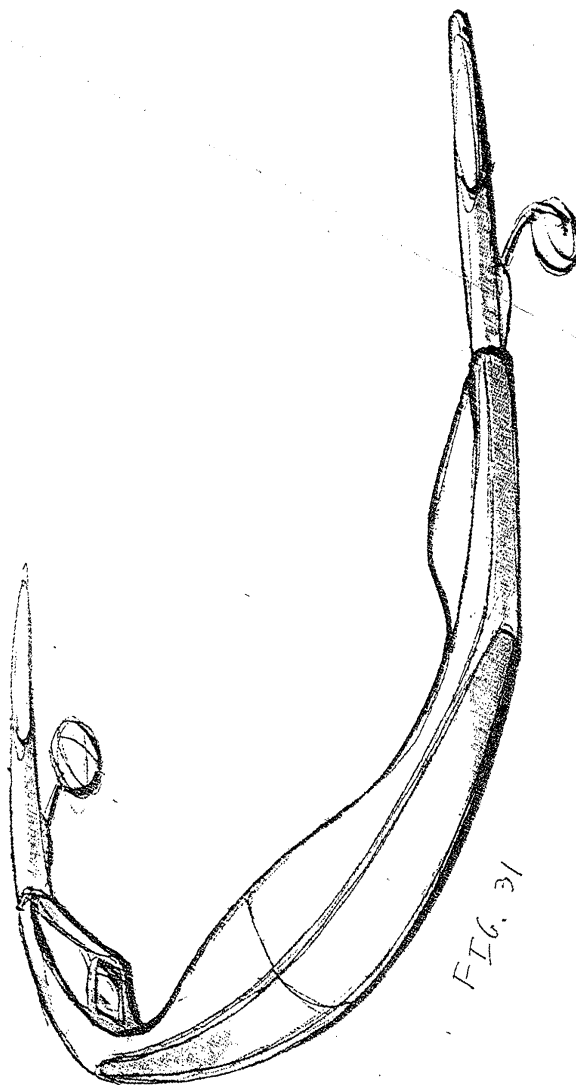


FIG. 31

3/00

FIG. 32A

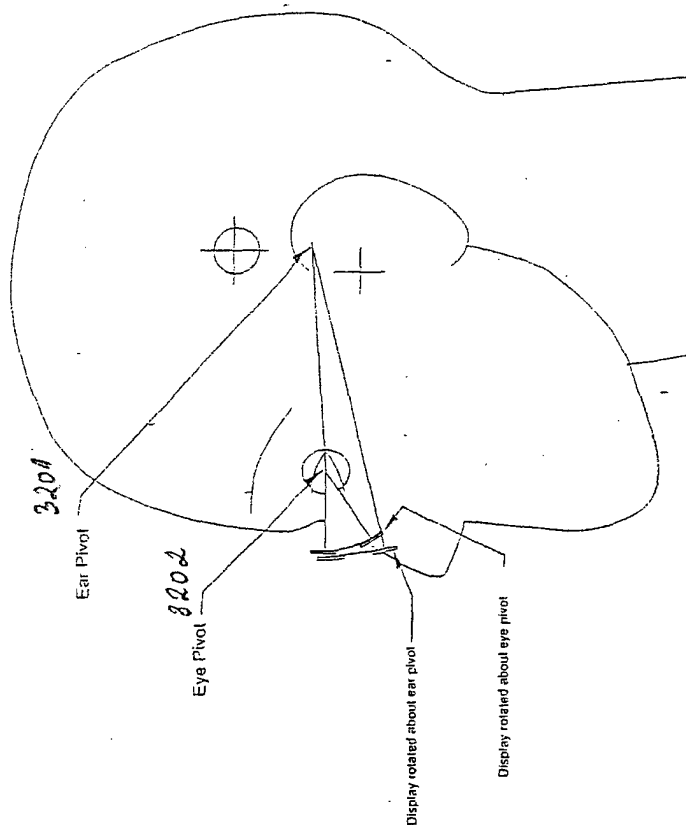
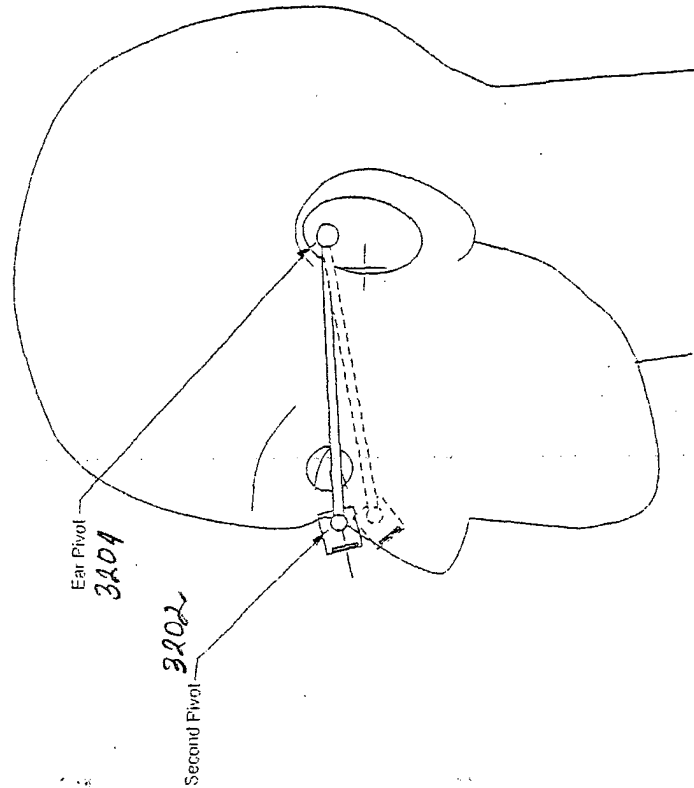
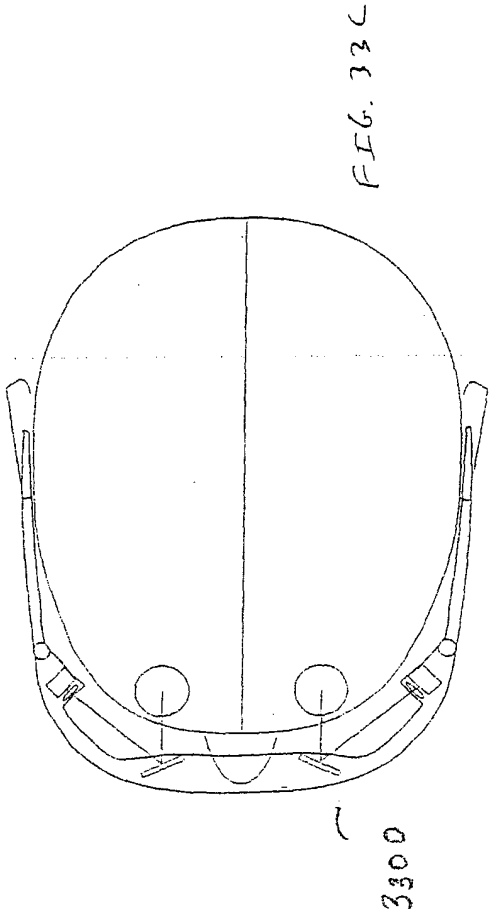


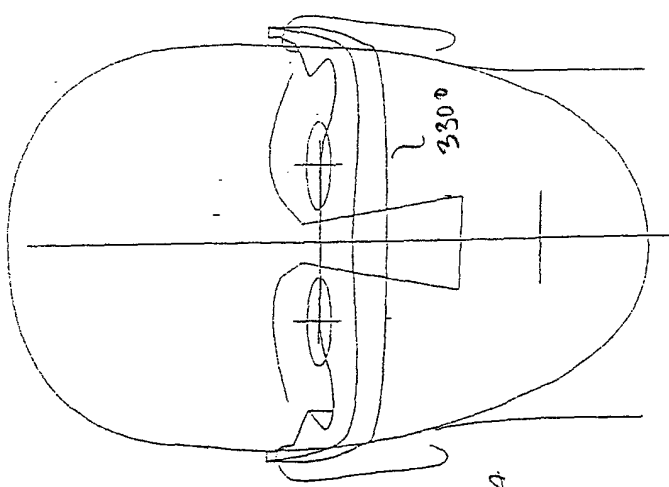
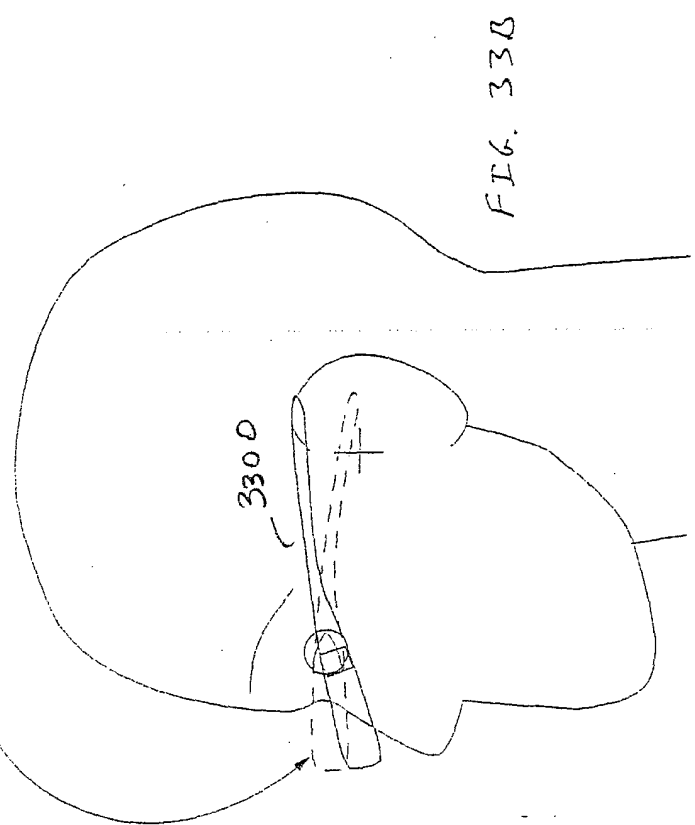
FIG. 32B



Mirror Lens System
(25mm Eye Relief)

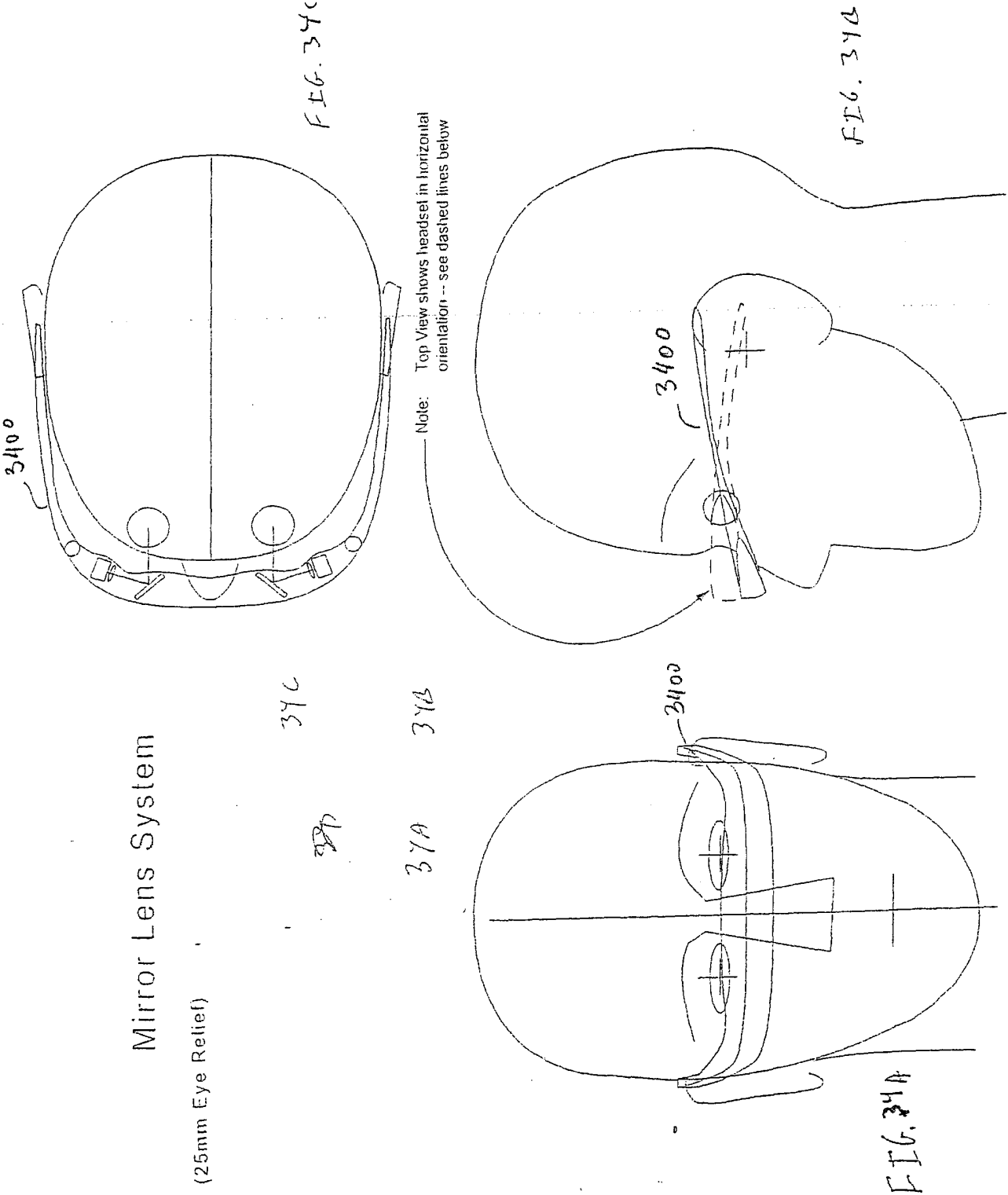


Note:

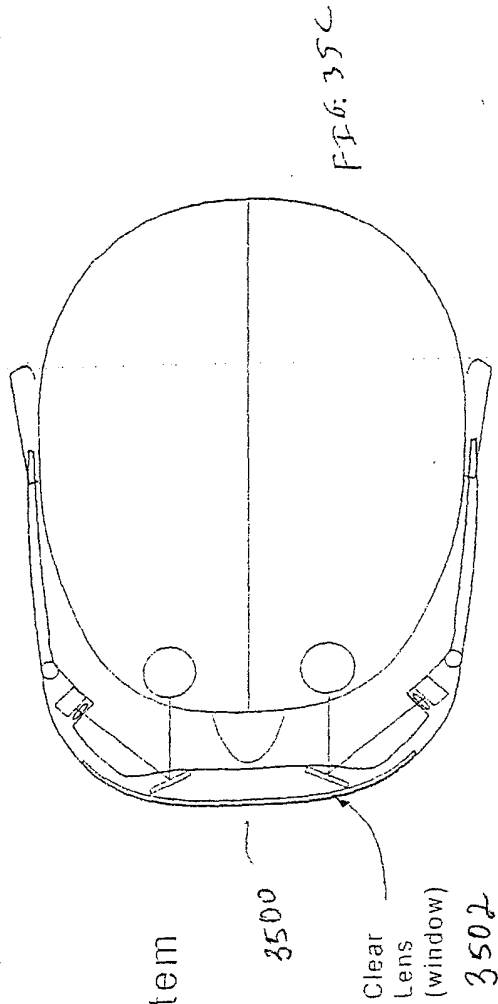


Mirror Lens System

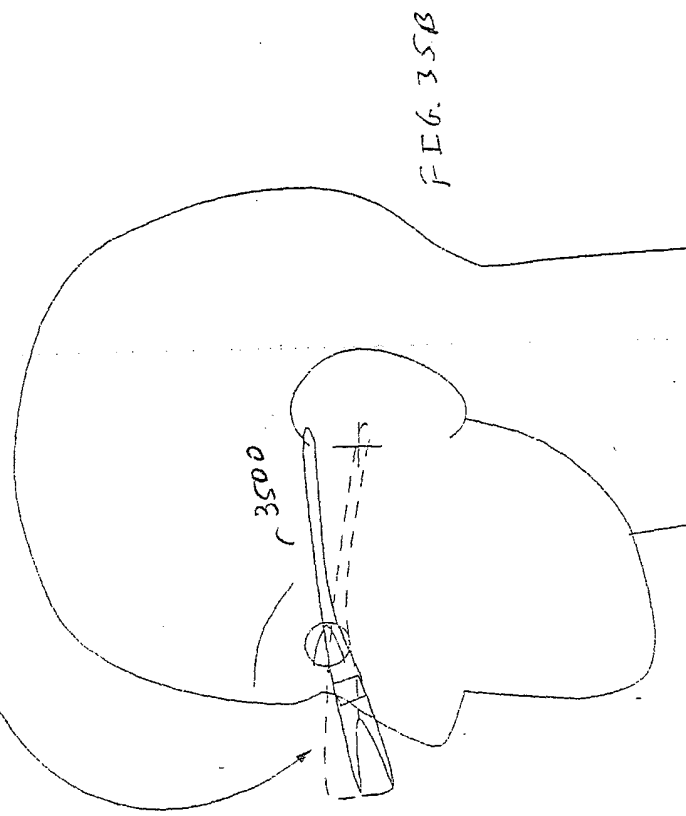
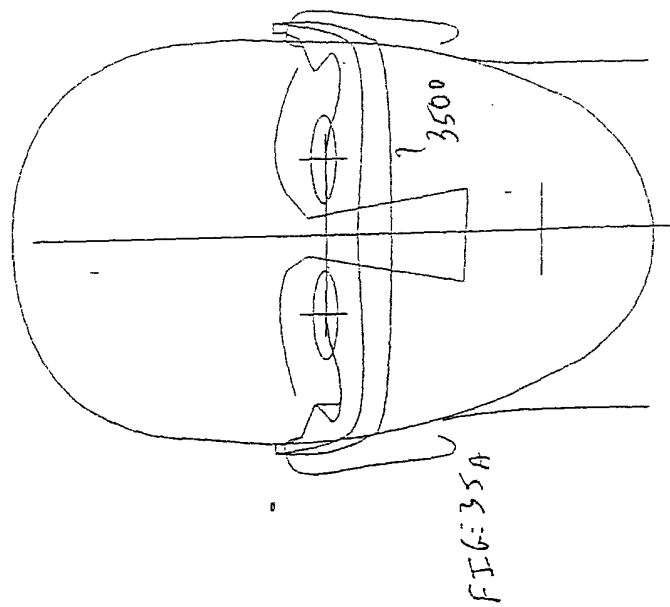
(25mm Eye Relief)



Mirror Lens System
(50mm Eye Relief)

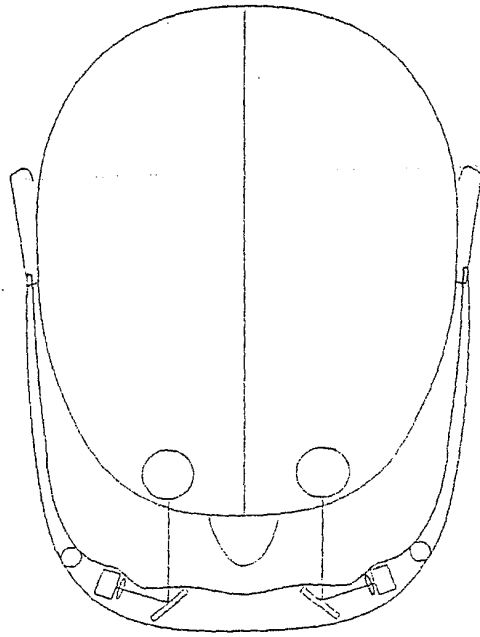


Note: Top View shows headset in horizontal orientation -- see dashed lines below

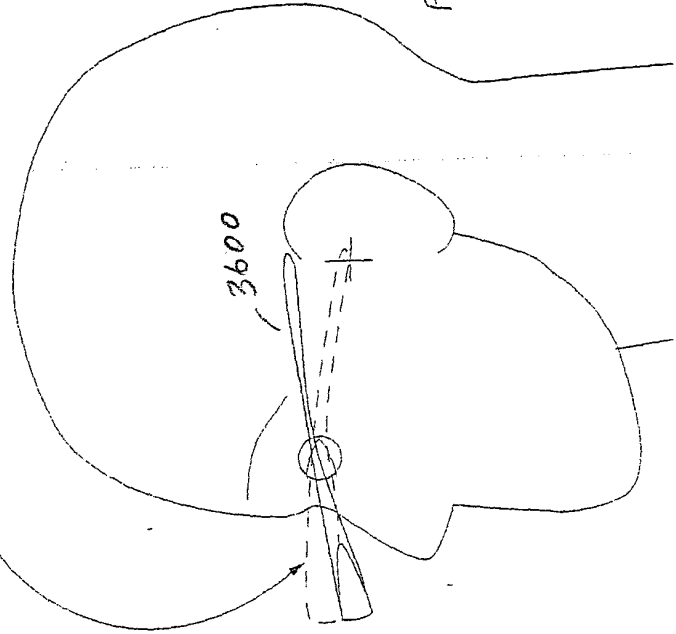
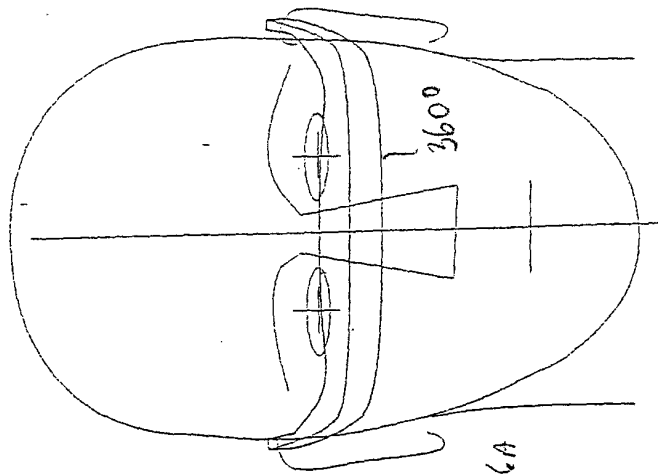


Mirror Lens System

(50mm Eye Relief)

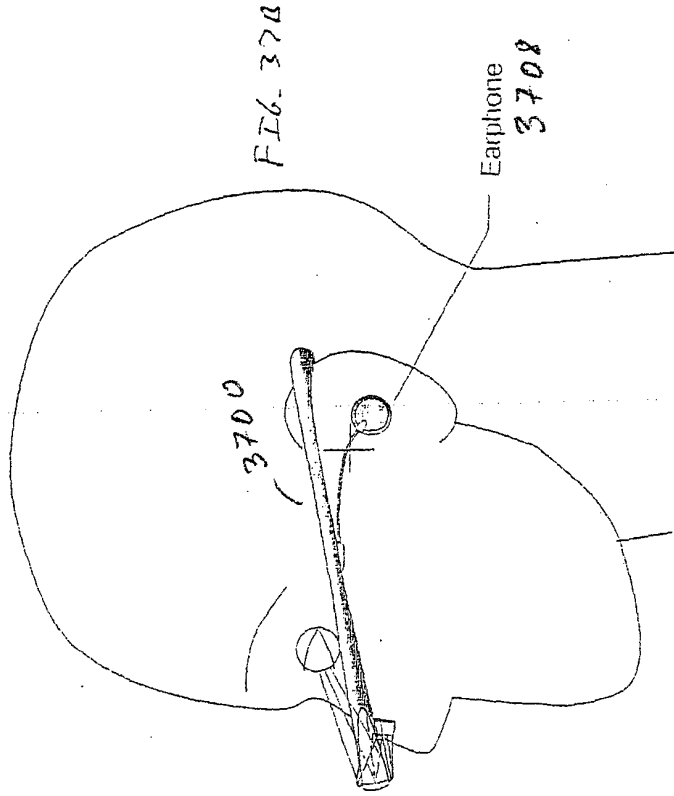
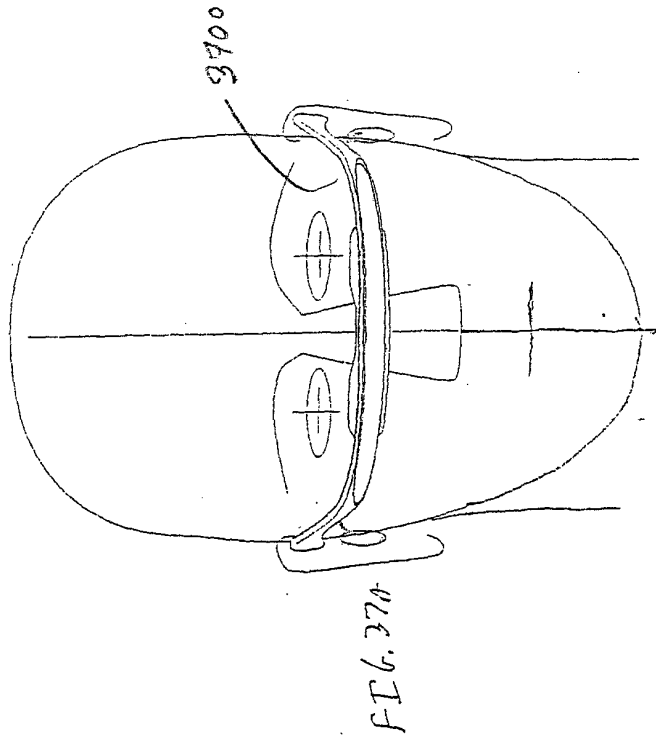
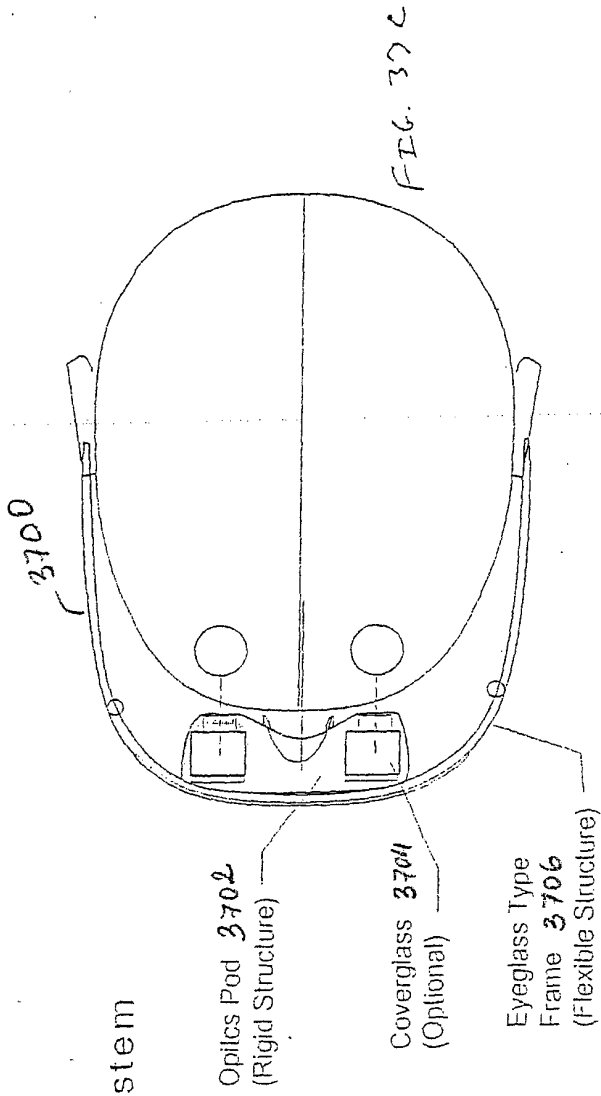


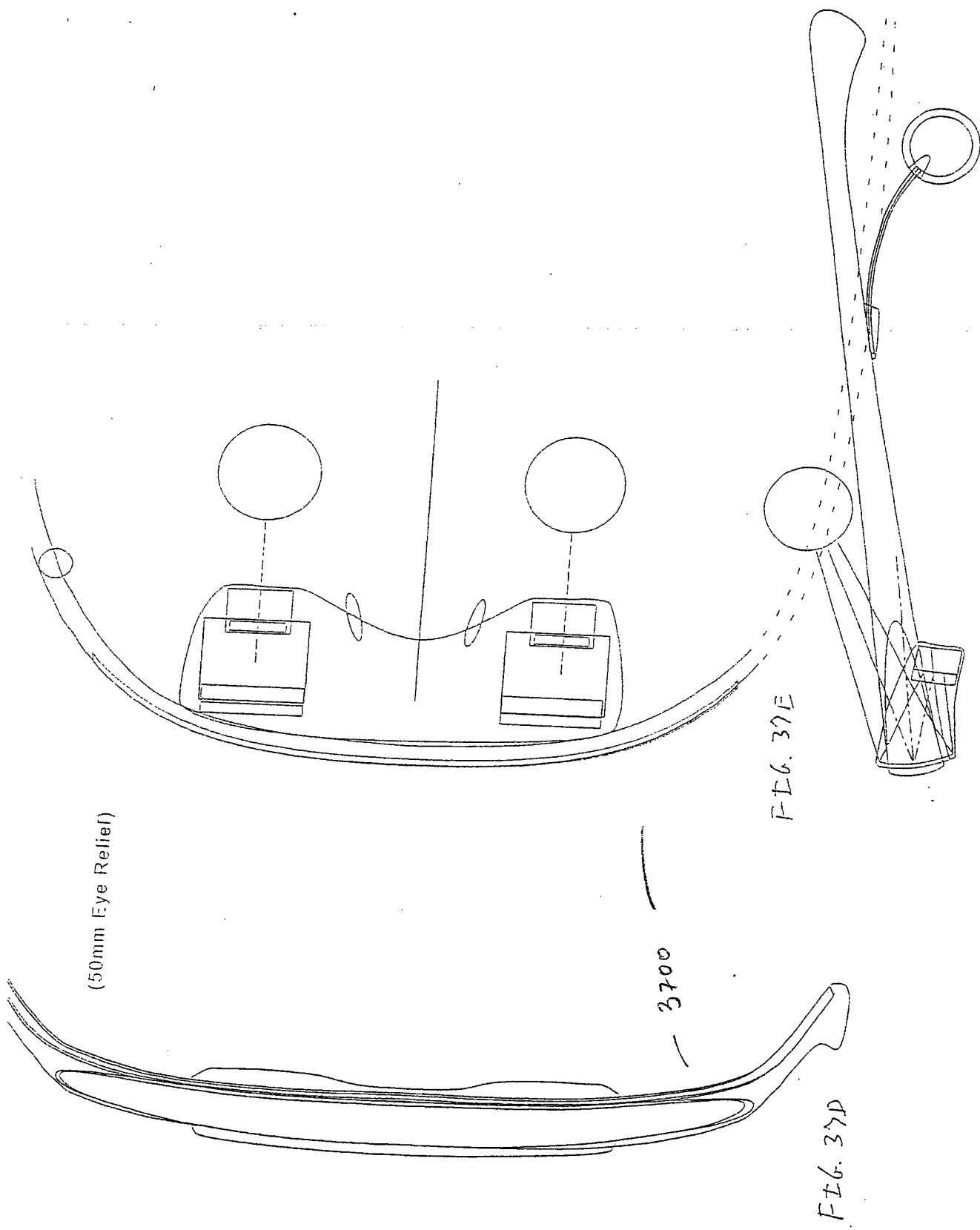
Note: Top View shows headset in horizontal orientation -- see dashed lines below



Mirror Lens System

(50mm Eye Relief)





Panorama Scope Image

Display Image

Panorama Scope Image to the eye

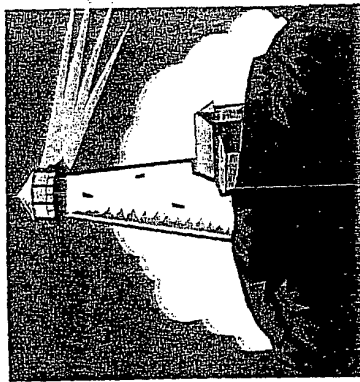


FIG. 38A

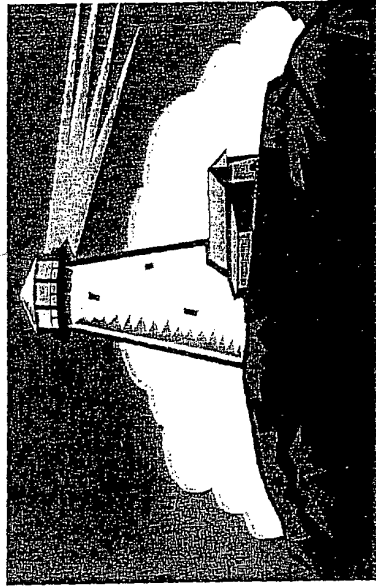


FIG. 38B

Panorama Scope
(Exit Pupil Design to accommodate IPD)

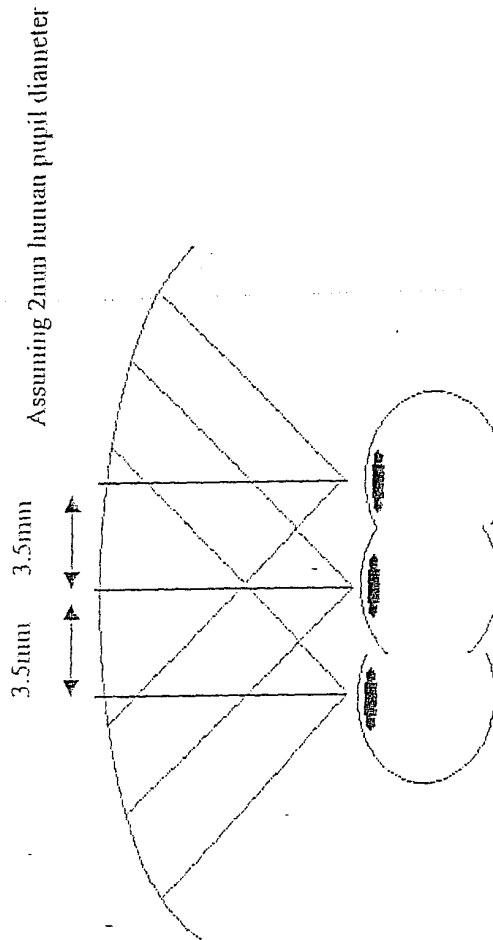


FIG. 39

Optical Characteristics by Mirror

	Case 1	Case 2
FOV	20deg	28deg
Eye Relief	50mm	50mm
Exit Pupil	V 4mm	V 4mm
	H 8mm	H 8mm
Shape of Mirror	wide rectangular	wide rectangular
F	20mm	20mm
Display Image	HDTV like	HDTV like

FIG. 40

HMD

with Mirror Optics

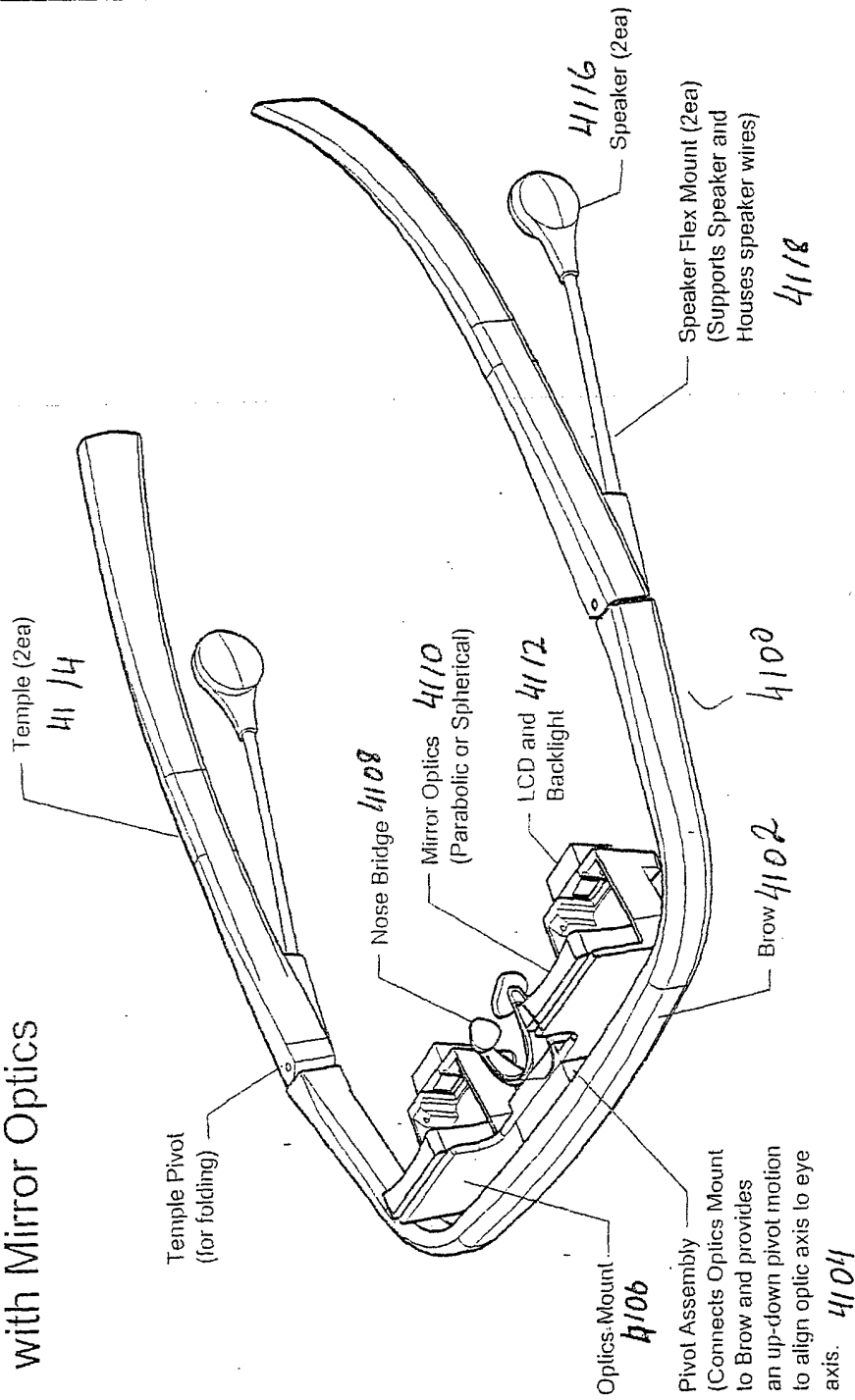


FIG. 41

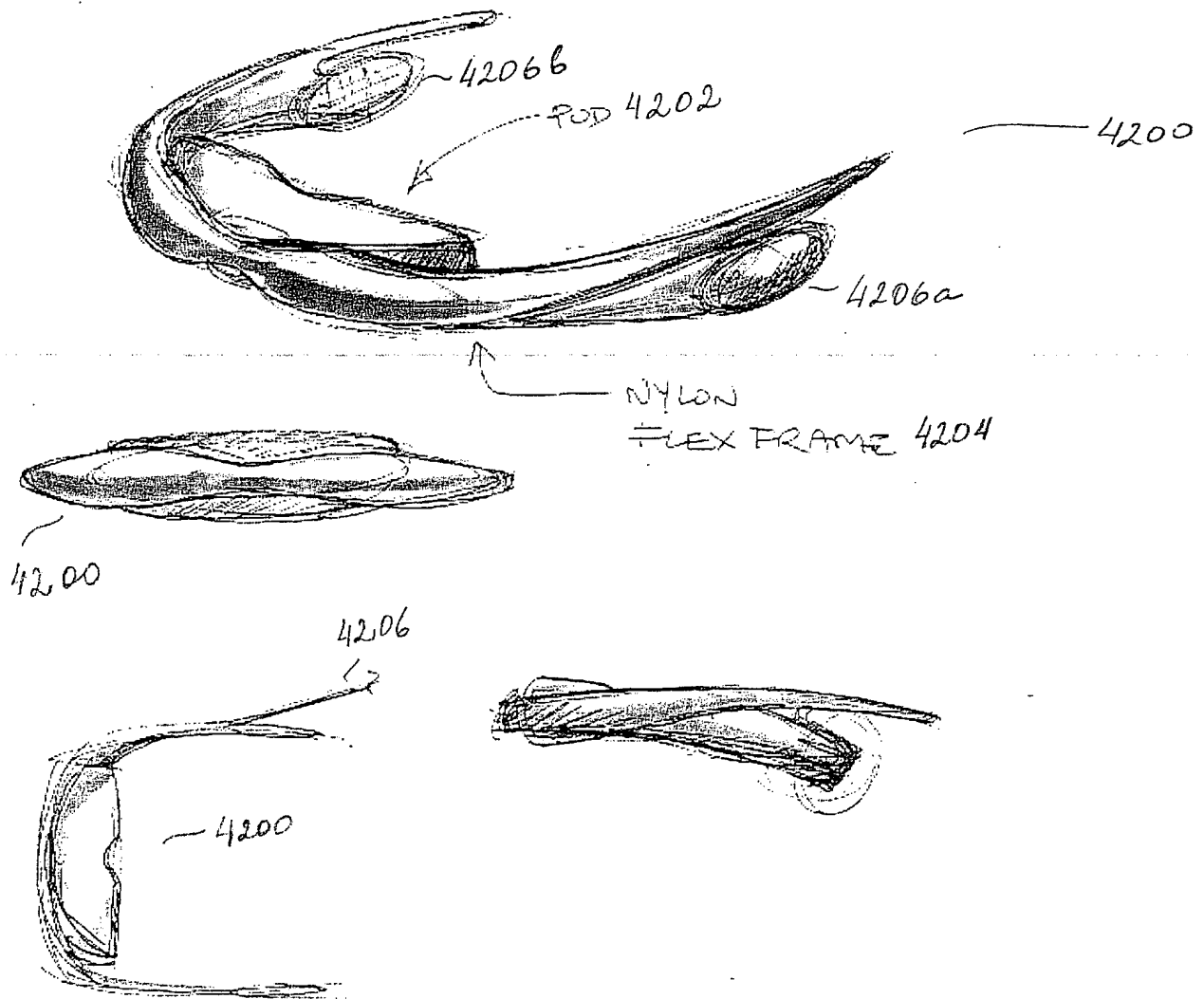


Fig. 42

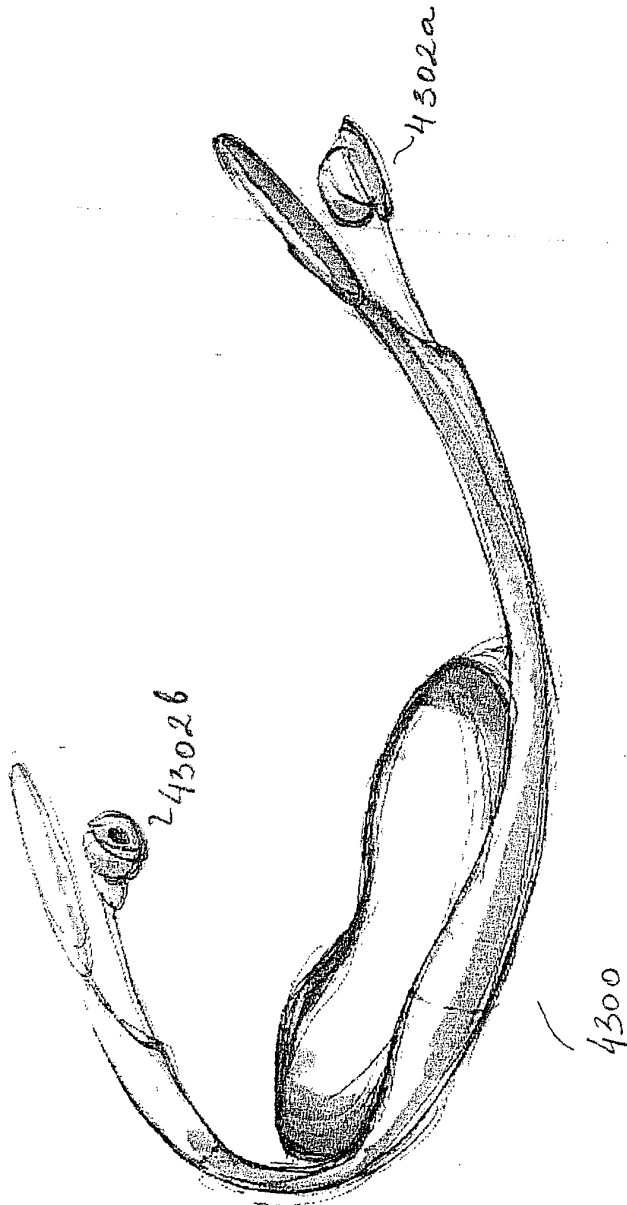


Fig. 43

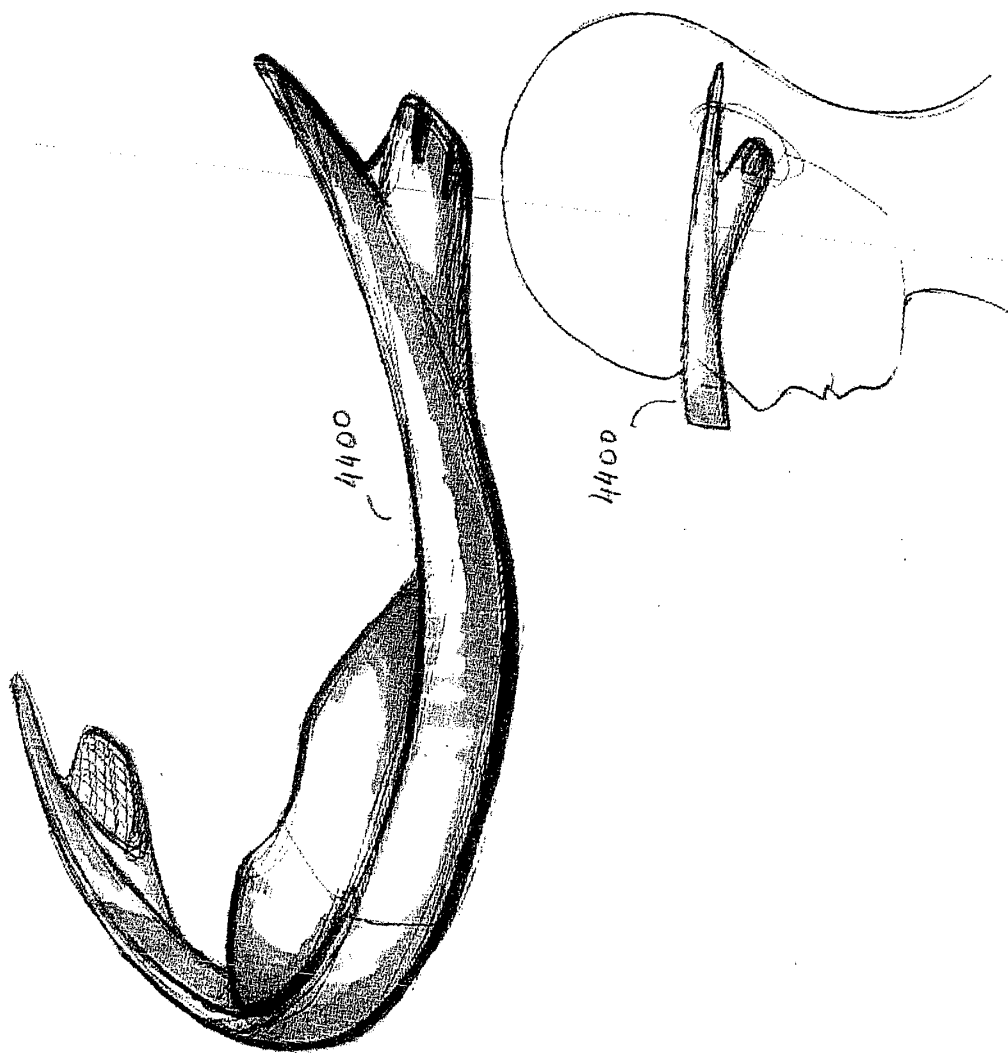


Fig. 44a

Fig. 44b